coal and a coke fireforheating for tempering? A. Charcoal is preferable, as all coke contains more or less of sulphur, which is injurious to the integrity of the steel.

- (39) J. S. C. asks: 1. Can molten brass be successfully run into iron moulds? If not, can you say the reason? A. The composition of brass-partly zinc, a volatile metal-precludes its successful casting in a cast iron mould, there being no adequate escape for the heated gases. 2. If that is impossible, is there any mixture which would do so, and take a silver plate by deposit or wash? A. Use a composition of which timis the basis, and it will pour readily and plate easily.
- (40) J. G. W. asks if there is an English translation of "Brehm's Animal Life"? A. "Brehm's Animal Life" is not yet translated into English.
- (41) G. L. F. asks how to prevent his melted tin moulds from sticking to his sheet tin patterns when poured, the blacking of the pattern over a lamp proving futile? A. Use a blacking made of ordinary lampblack mixed with lard or sperm oil, and dust with powdered plumbago through a muslin bag.
- (42) S. F. F. asks: Can malleable metals be compressed by pressure or hammering to one-half thickness, the edges being confined; or can the weight of metals be increased by pressure or condensing of the metal? A. No. All metals are subject to condensation by pressure, but none to the amount of one-half their bulk. No increase of weight is given to metals by condensation-the blank coin weighs the same as the finished coin. The only use of pressure of metals is making a better surface for finishing.
- (43) A. C. G. says: 1. He has difficulty in procuring a fancy casting in an iron mould, using lead solder, and a mixture of both, and heating the mould. The metals do not run. He asks what composition will do? A. Neither lead, nor lead and antimony-sol- Make the pin of spruce, place it under the bridge step der-will make a metal fluid enough for the purpose if on the right hand side or under the E string. the casting is thin. Use pure Banca tin, or tin 8, zinc 2, or a composition having tin for a base and no antimony. 2. He asks also how to make his ink black at Scientific American Supplement? A. It can be the time of writing, or to become so afterward? A. We recommend you to examine article on inks in Scien-TIFIC AMERICAN SUPPLEMENT, 157.
- (44) D. and T. ask: Can you inform us how light hardware, such as hat and coat hooks, curtain fixtures, etc., are bronzed? A. Dull bronze is given by a coating of bronze powder in white (bleached) shellac varnish-shellac dissolved in alcohol. A b 1liant bronze is given by a coating of furniture po sh left until "tacky," and then the bronze powder applied with chamois leather.
- (45) S. R. R.—To sand wood: Paint the more wood with a thick paint and dust the sand on through a sieve fixed to a small tin box in which the sand is
- (46) E. F. H. asks how Seidlitz powders are made? A. The following ingredients are mixed—in a blue paper: 40 grains soda bicarbonate, 120 grains Rochelle salts; and in white paper, 35 grains Rochelle
- to paint row boats with? A. Use zinc paint mixed with raw linseed oil.
- (48) W. M. H. asks for a receipt for the liquid used to ebonize wood, and how to apply it? A. One gallon of vinegar, one-half pound of green copperas, one-quarter pound of China blue, two ounces nut galls, two pounds of extract of logwood. Boil over a slow fire, then add a pint of iron rust. Wash the wood with this. 2. Also, the receipt used by instrument makers for staining or lacquering brass that dark green seen on surveying instruments? A. Dissolve shellac in alcohol, strain, and add turmeric or gamboge in sufficient quantity to produce the desired shade
- (49) M. and W. ask how to boil soap water and kerosene, so that it would become a solid mass. What could be put in to make it become hard? Also, would it be dangerous to boil the kerosene? A. It is not possible to produce a solid mass in the way you suggest, for the reason that kerosene does not contain any fatty acid, and hence will not saponify. An emulsion can, however, be produced. Great care is necessary in boiling kerosene to prevent an explosion.
- (50) W. S. M. asks: If coal oil, supposed to be 175°, should "flash" at a lower temperature at this altitude (10,200 feet), also the correct way to make the test? A. We do not know that the high altitude test for coal oil is known. We should judge that the "flash" temperature will be higher at the altitude you name. You may easily try it, by placing a thermome ter in a small cup of the oil, and gently heating until by repeated trials of a lighted match passed over the cup about an inch above the oil a flash is produced; then note the temperature by the thermometer.
- (51) J. B. H. writes: In the shop where I am employed there is an engine, 14 in. bore, 30 in. stroke, making 90 revolutions per minute; the steam pipe is 316 in. gas pipe. The exhaust leads into a tight steam box, never in open air, about 60 feet away from engine; about one-balf of the exhaust pipe is 4 in. gas pipe, balance 6 in, sheet iron pipe, question: is the ex- tell me where to put my water gauges in building a haust sufficient? I have claimed that to take away boiler of mercury flasks, as described in Supplement the 4 in. gas pipe and to put in 6 or 8 in. escape pipe 182? A. The water line should be about 3 inches below will improve it, inasmuch as the exhaust must be cramp- upper end of lower flasks. 2. And what amount of ed at box. Is this so? A. You are right; if the box into which you exhaust is really tight, back pressure may be produced there, more than by the small exhaust pipe. Is there any escape for the exhaust steam from this
- (52) A. J. asks: What to paint wood with, so that glued paper will not stick to the wood while the glue is drying? A. We would recommend you to coat the painted work with paraffine.
- (53) S. L. asks: Which is the best wood for making violin tops? Norway pine and spruce are what we can get bere. A. The body of the instrument is made by the best makers of straight grained deal, and the Some of a compound bar of strips of brass and iron An electro motor will lift almost any weight by means back of maple, sometimes of sycamore, and in very old riveted together. Others are simply large thermomeinstruments of pear wood.
- (54) W. S. asks: Will one cell be sufficient

- (55) C. F. J.—We cannot furnish you with the formula of soapine unless a chemical analysis were made to determine its ingredients. We are disposed to believe, however, that the essential constituent of the article is either the crude soda ash or pearl ash. The use of the name "Soapine" is, we believe, protected by
- (56) D. E. X. asks how small steel springs can be blued to make a first class job? A. After the springs are hardened and tempered, run them through wheels of cotton, or rags of cotton, charged with rottenstone or any other abrading material which will leave them bright, and then heat them in hot sand to color, quenching instautly in cold water.
- (57) A. F. L. asks how to make a sand blast, how to get or construct a bellows? A. You will requireabout one pound pressure for your sand blast. You will also need power for driving the bellows or blower. For a very small arrangement a circular bellows might do. A Root blower would do better, or you might make a gas holder after the principle of those at the gas company, or you might make a water jet from the city water works, like an injector with a siphon to carry off the water under the required pressure. See Scientific American Supplement, No. 416.
- (58) C. G. C. asks: Can you inform me through your paper of a good process for casehardening cast iron? A. If the casting is too large to be con veniently packed in a box with cementing materialground bone, rawhide, etc.—heat it to a red heat and sprinkle powdered prussiate of potash on it, and before it cools plunge it into a cold water bath.
- (59) E. S. S. asks in what position the sounding post of the violin should be placed to get best effect? Also of what material it should be made? A.
- (60) C. D. asks: 1. Can I use No. 36 cotton-covered wire in making induction coil described in used, but silk-covered is to be preferred. 2. How much would I require of both kinds, covered or uncovered, for both secondary and primary coils? A. Use the quantity mentioned in the Supplement referred to.
- (61) B. W. D. asks: What adherent force could a magnet be made to have, and what size would be necessary for a force of from 10 to 30 or 40 pounds, if such is possible? Cansuch be procured? Would it adhere to rubber as well as iron? A. A magnet has no appreciable effect on rubber. A compound, permanent magnet 10 inches long ought to sustain 40 pounds or
- (62) N. P. B. asks: 1. Will an induction coil one-fourth the size of that described in Supple-MENT 160 charge a Leyden jar, said coil being run by one cell of Law's battery? A. It would charge a Leyden jar feebly. 2. How do the iron battery, and the battery composed of niter with iron and coke electrodes, work with an induction coil? A. Any battery with sufficient current will operate an induction coil. 3. (47) J. J. G. asks what is best compound | Would common spirits of niter do for the latter battery? A. No. Use nitrate of potash. 4. What is the proper thing to fasten the tin foil to the outside of a Leyden jar? A. Use shellac varnish. 5. What makes the fixed stars twinkle? A. Atmospheric disturbances.
  - (63) A. K. writes: I claim that the vapor arising from gasoline will ascend, the same as any other vapor: M. claims that it will go down. A. It bas been found that benzine vapors, which are frequently the cause of fires in paint factories, seek the lowest levels, which they follow for long distances; and it has been shown that a fire in a furnace, the grate of which was but a few inches above the ground or floor, has ignited benzine vapors that came from a tank 200 feet away, a thin stratum of gas following the line of the floor that distance.
  - (64) H. N. H. asks of what is phosphorus formed, how obtained, and is there any other substance as easily ignited, and how? A. A very full description of the properties and methods by which phosphorus is manufactured is given on page 1,029 of SCIENTIFIC AMERICAN SUPPLEMENT No. 65, and also on page 1,657 of SCIENTIFIC AMERICAN SUPPLEMENT 104. Phosphorus melts at about 99° to 100° F., but potassium becomes spontaneously ignited when exposed to the air.
  - (65) R. S. B.—Caustic seda is obtained by treating or decomposing dilute solutions of sodium carbonate by means of quick lime. Its manufacture will be found described very completely in "Dussauce's Treatise on the Manufacture of Soap," or in Geo. Lunge's work on the alkalies. Sufficient general information will be found in Spons' encyclopedia or Ure's dictionary.
  - (66) H. & B. ask what the ingredients are for making a white stain for shoe bottoms? A. Use a stain consisting of soft water one pint, oxalic acid two tablespoonfuls, or more if stronger be required, then dissolve and add a sufficient quantity of flake white. This we think will prove satisfactory.
  - (67) F. L. O. writes: 1. Will you please steam I can carry with safety? A. 150 pounds per square inch will be quite safe.
  - (68) G. S. L.—Tellurium is sold as a curiosity at about \$72.00 per oz. It has no recognized market value, as there is no demand for it.
  - mix with oil to prevent an explosion? A. We have plosions
  - (70) G. S. M. asks what the thermostats are made of that are used for regulating purposes? A.
- 71) R. W. J.—The principal use of tripoli to operate a small vibrating bell? If so, what kind of | is for polishing powders; it is, also, sometimes used to nection with a suitable electromagnet. Your query is cell must it be? A. Use one cell of Leclanche or Fuller battery.

  light policies, to a manufacture of giant powder, but its use for reply.

- this purpose is now supplanted by wood pulp. It is not bought. Those who sell it own their own mines, and, therefore, it has no market. Under the trade name of Street, New York, but they have more than they can dispose of.
- clear, and how to clean resin that is full of dirt, leaves, and bark? A. Melt it and strain through a suitable filtering material, or else dissolve in turpentine, and
- (73) P. R. R. asks: With what white substance can I cover a draughting board that I may easily erase the black pencil lines after the drawing has been copied or used? A. For this purpose paint the board with three or four coats of white lead ground in Japan. Rub each coat down after it is thoroughly dry with owdered pumice stone and water.
- (74) A. W. B.—You can put your push butcon, your bells, and battery all in one circuit, if you do not object to both bells ringing at the same time. If you want to ring the bells independently. you must divide your circuit just below the lower bell and run two value.—R. T. B. — The mineral sent is magnetite, or mag wires to the top floor and place a push button on each. netic oxide of iron. It is one of the most valuable iron Both push buttons may be connected with the same return wire. Cost of bells, from \$1.50 upward. Push buttons, 35 cents and upward. Battery, \$1.25 to \$1.50
- (75) J. D asks: 1. Is there any means of restoring the oxygen to worn out prisms of the Leclanche battery? A. No. 2. By making and breaking the line circuit of a telephone you hear a faint click in it; is that produced by atmospheric electricity accumulated on the line? A. Earth currents and atmospheric electricity. 3. The objects in my nickel bath some- [See note at end of list about copies of these patents.] times turn black, what is the trouble? A. Possibly your current is too strong. 4. Can I gain time by warming my nickel bath? A. Yes. 5. In a high speed engine, the piston, piston rod, and part of connecting Air compressor, hydraulic, C. Pfanne...... 295,800 rod come so many more times from their state of res to a higher velocity, and again to rest, than a low spee engine. Is there not a loss of energy on account of th inertia of piston and connections, and consequently low speed or rotary engine more economical than ar ordinary high speed engine? A. The inertia is counteracted by lead or cushion. There is no very marked difference in economy. The present tendency among engineers is to high pressure and high speed.
- (76) A. K. asks: What preparation they put on silver leaf that makes it look like gold, such a that on cheap mouldings? A. You can purchase a gold lacquer from large paint houses that will accomplish your purpose. A palegold lacquer of 1 gallon of methyl ated alcohol, 10 oz. of seed lac bruised, and half ounc of red saunders dissolved and strained is often used.
- (77) J. G. W. asks for a recipe for red-edg ing or gilt-edging books? A. The book is very firmly clamped between the arms of a press, so that none o the coloring materialshall penetrate among the sheets The edges are then coated by means of a camel's hair brush with a mixture of carmine and a suitable shad of aniline red with sufficient gum arabic to thicken the solution. The ingredients vary according to the shade desired. In the case of gilt-edging the leaves are first coated with a solution of white of egg, gold leaf is then put on, and finally burnished with a tool tipped with
- (78) C. G. D.—The usual process of nicke plating is described in the Scientific American Sup-PLEMENT, No. 310, under the title of Electro-metallur gy. It is necessary to polish the plating, and for this purpose rouge and buffers are generally employed. W would recommend you to read some of the works on the subject, such as Wahl's "Galvanoplastic Manipula tions," recently published. See page 109 of Scientific American, current volume.
- (79) C. E. P.—Your general conjecture aboutthe mineralsis correct. As regards tin, from rough qualitative test, traces of it appeared present. We would suggest that a larger quantity of the mineral be forwarded and sufficient money (\$5.00) be included so that an assay could be made, by means of which the working amount of the metal could be determined.
- (80) C. H. L. asks: Can you give me any information of Cooper Institute, and the conditions or which students are admitted? And is it so fixed that a student can earn his board and clothes? A. There is no bar to any student of good character entering the classes of the Cooper Union. Only ladies can enter the classes in engraving. They can earn the value of their work for themselves. There is no other means of earning anything within the Union. You may obtain a situ ation at any employment in the city, and attend the evening classes.
- (81) S. W. R. writes: 1. What is the mat er with my plating bath? I prepared it by dissolving 4) oz. of nickelammonium sulphate in 3 pints of water according to Scientific American Supplement No 310. It plates dark, and when polished looks like lead. It seems to take a good deal more battery power than does the silver bath, is very bard to polish at all, and I understand should look nearly like silver. A. You are probably using too much current. Try a weak battery. 2. What will an induction coil 2 x 11/4 do? A It depends upon the construction of the coil and the amount of battery employed.
- (82) F. K. asks: 1. What is the best conductor of heat, that is, what material will retain the most beat the longest? A. The best conductor of beat (69) B. F. B. asks: Is common salt good to according to Despretz is gold, and according to Wiedemann and Franz, silver. 2. What is the best non-connever heard that sait mixed with oil would prevent ex-The best non-conductors are ashestos, mineral wool paper, soapstone, and animal wool and bair. 3. Will an electric machine, if made in the lightest practical Some thermostats consist simply of a rubber bar. If so, how many times its own weight would it lift? A form and material, lift more than its own weight, and of a windlass or equivalentdevice. Time is an element which you do not consider. A light dynamo should sustain several times its own weight when used in conhardly clear enough to enable us to give you a definite

(83) B. H. writes: If a perpendicular pipe one inch square surface be connected with a horizon tal pipe of the same size, at right angles, both filled Electro Silicon it is largely sold by a company on John with water, and the perpendicular pipe be brought under pressure of ten pounds, the pressure in the horizontal pipe will be the same, viz., ten pounds. If ten (72) A. L. asks how to make dark resin pipes of the same size should be similarly connected with the horizontal pipe, and the water in each pipe brought under a pressure of ten pounds, would the pressure in the horizontal pipe be  $10 \times 10 = 100$  pounds, or only 10 pounds? A. If the ends of the pipes are closed the pressure in the horizontal pipe will also be ten pounds plus the hydrostatic pressure caused by the height of water in the upright tubes: which adds one pound for every twenty-seven inches in height. The number of pipes does not affect the question.

MINERALS, ETC.—Specimens have been received from the following correspondents, and examined, with the results stated:

J. H. G.—The specimen is pyrite or iron sulphide, in a coaly slate or shale. It is not likely to be of any ores that is found.

#### INDEX OF INVENTIONS

For which Letters Patent of the United States were Granted

March 25, 1884.

#### AND EACH BEARING THAT DATE.

Advertising articles to cards, attaching, S. P.

g nt	Alarm. See Fire alarm.	200,000
ed.		295.634
ie ie	A street at a collection of the street of th	
	Ambalt machine for miring C. Winding	
a	. Bag. See Mail bag.	-
n	Bait, spoon, C. B. Hibbard	295,758
1-	Baling press, J. D. Page	295,672
ed	Ballot box, J. Klinger	295,560
g		
	Bee hive, J. Vanzandt	295,693
y	Bee hives, moth trap for, J. T. McElfresh Belt stud, O. S, Turner.	290,786
18	Blacking box, A. V. Saurord	295 677
d	Blasting barrel, G. A. Ingram	
h	Block. See Saw mill head block.	4-0,000
ı-	Blotter, A. H. Frederick	295,625
ce	Body protector, W. Gray	295,543
	Boiler scraper, J. H. Beare	295,854
ŗ-	Bolting chest, Kohnle & Hamilton	265 561
y	Boot or shoe toe cap, F. H. Kennedy	
of	Borer, hand, W. E. Clough  Boring machine, W. E. Clough	295,528
8.	Bottle lips and necks, tool for forming, J. B. Wil-	200,024
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C	Broom band, J. Smith	295,685
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а	Button fastener, M. H. McNair	
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ıl	Button fastener staples, implement for setting,	
l, :	J. H. Goodfellow	
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naseere , gr, o. nduk.	Buttons etc. attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr	295,593 295,599 295,654 295,669 295,609 295,680 295,763 295,588 295,684 295,897 295,897 295,697 295,706 295,697 295,790
naseeri-e , gr, nduk e	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Hanford. Car coupling, F. K. Adams Car coupling, N. P. Cowell Car coupling, Duffy & McIvor. Car coupling, B. D. Lee Car coupling, S. D. Lee Car coupling, S. D. Lee Car coupling, L. E. Sloan Car coupling, G. W. Smith Car coupling, W. H. Ward. Car coupling, H. B. Williams Car, safety railway, E. Henn Car wheel, Melvin & Clute Car wheel, Melvin & Clute Car when Melvin & Coupling, F. Furness. Cars from one track to another, mechanism for guiding, J. A. Heyl Carpet stretcher, W. A. Skinner	295,593 295,654 295,664 295,609 295,660 295,763 295,773 295,588 295,684 295,829 295,684 295,637 295,676 295,790 295,576 295,790
naseeri-e , gr, nduk e	Buttons etc. attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. SeeFruit, vegetable and meat can. Cane and cigar case, combiued, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams. Car coupling, N. P. Cowell. Car coupling, Duffy & McIvor. Car coupling, Buffy & McIvor. Car coupling, S. D. Lee Car coupling, J. Shanaman. Car coupling, J. Shanaman. Car coupling, G. W. Smith. Car coupling, W. H. Ward. Car coupling, W. H. Ward. Car coupling, W. H. Ward. Car car, safety railway, E. Henn. Car window curtains, device for holding, F. Furness. Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carper, See Cash carrier.	295,593 295,599 295,654 295,664 295,660 295,686 295,763 295,588 295,684 295,897 295,697 295,697 295,706 295,637 295,535 295,535 295,636 295,637 295,535
naseere ; gr, nduke	Buttons. etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr	295,593 295,654 295,669 295,609 295,763 295,773 295,773 295,584 295,829 295,829 295,687 295,576 295,576 295,576 295,576 295,576 295,576 295,576 295,576 295,576 295,576 295,576 295,576 295,640 295,824 295,645
naseere gr, o. nduk. e	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Hanford. Car coupling, F. K. Adams Car coupling, N. P. Cowell Car coupling, Duffy & McIvor. Car coupling, B. D. Lee Car coupling, J. Shanaman Car coupling, J. Shanaman Car coupling, J. W. Smith Car coupling, W. H. Ward. Car coupling, W. H. Ward. Car coupling, W. H. Ward. Car car, safety railway, E. Henn Car wheel, Melvin & Clute. Car window curtains, device for holding, F. Furness Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner Carier. See Cash carrier. Cash carrier for stores, C. M. Johnson Caster, E. T. Thomas.	295,593 295,599 295,654 295,664 295,609 295,618 295,660 295,763 295,763 295,588 295,684 295,829 295,697 295,706 295,790 295,576 295,790 295,535 295,640 295,824 295,824 295,824
naseere gr, o. nduk.e -e t	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams. Car coupling, N. P. Cowell. Car coupling, N. P. Cowell. Car coupling, B. Duffy & McIvor. Car coupling, S. D. Lee Car coupling, S. D. Lee Car coupling, B. D. Lee Car coupling, G. W. Smith. Car coupling, H. B. Williams. Car coupling, H. B. Williams. Car, safety railway, E. Henn. Car wheel, Melvin & Clute. Car wheel, Melvin & Clute. Car wheel, Melvin & Coupling, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carrier. See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, W. Zimmer. Cash carrier commental S. L. Lederer.	295,593 295,599 295,654 295,664 295,660 295,680 295,773 295,588 295,588 295,697 295,790 295,576 295,576 295,576 295,576 295,576 295,576 295,684 295,684 295,685 295,685 295,685
naseere gr, o. nduk.e -e t	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams. Car coupling, N. P. Cowell. Car coupling, N. P. Cowell. Car coupling, B. Duffy & McIvor. Car coupling, S. D. Lee Car coupling, S. D. Lee Car coupling, B. D. Lee Car coupling, G. W. Smith. Car coupling, H. B. Williams. Car coupling, H. B. Williams. Car, safety railway, E. Henn. Car wheel, Melvin & Clute. Car wheel, Melvin & Clute. Car wheel, Melvin & Coupling, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carrier. See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, W. Zimmer. Cash carrier commental S. L. Lederer.	295,593 295,599 295,654 295,664 295,660 295,680 295,773 295,588 295,588 295,697 295,790 295,576 295,576 295,576 295,576 295,576 295,576 295,684 295,684 295,685 295,685 295,685
naseer-le groondukte lette-	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. SeeFruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Hanford. Car coupling, F. K. Adams Car coupling, N. P. Cowell Car coupling, B. Duffy & McIvor. Car coupling, B. Duffy & McIvor. Car coupling, J. Shanaman. Car coupling, J. Shanaman. Car coupling, J. E. Sloan. Car coupling, G. W. Smith. Car coupling, H. B. Williams. Car, safety railway, E. Henn Car wheel, Melvin & Clute Car window curtains, device for holding, F. Furness.  Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher. W. A. Skinner. Caster, E. T. Thomas. Caster, W. Zimmer	295,593 295,599 295,654 295,664 295,660 295,661 295,763 295,773 295,588 295,684 295,684 295,697 295,790 295,576 295,790 295,576 295,824 295,682 295,683 295,684 295,824
naseere , gr, , , , nduke - et	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams. Car coupling, N. P. Cowell. Car coupling, N. P. Cowell. Car coupling, B. Duffy & McIvor. Car coupling, S. D. Lee Car coupling, S. D. Lee Car coupling, B. D. Lee Car coupling, W. H. Ward. Car coupling, G. W. Smith. Car coupling, H. B. Williams. Car, safety railway, E. Henn. Car warmer, chemical, C. Mitchell. Car wheel, Meyin & Clute. Car wholow curtains, device for holding, F. Furness. Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carler. See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, W. Zimmer. Chain Nnk, ornamental, S. L. Lederer. Chain Nnk, ornamental, S. L. Lederer.	295,593 295,599 295,654 295,669 295,608 295,680 295,763 295,763 295,588 295,684 295,829 295,870 295,576 295,576 295,576 295,876 295,889 295,889 295,889 295,889 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850
naseere , gr,) . nduk . e - e t	Buttons etc. attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. SeeFruit, vegetable and meat can. Cane and cigar case, combiued, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Hanford. Car coupling, F. K. Adams. Car coupling, N. P. Cowell. Car coupling, Duffy & McIvor. Car coupling, Buffy & McIvor. Car coupling, S. D. Lee. Car coupling, J. Shanaman. Car coupling, J. E. Sloan. Car coupling, G. W. Smith. Car coupling, H. Ward. Car coupling, H. B. Williams. Car, safety railway, E. Henn. Car window curtains, device for holding, F. Furness. Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carrier, See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, E. T. Thomas. Caster, W. Zimmer. Chain fink, ornamental, S. L. Lederer. Chain fink, ornamental, S. L. Lederer. Chimney cowl, E. R. Stasch. Chuck, lathe, J. S. Gilmore.	295,593 295,599 295,654 295,746 295,609 295,860 295,763 295,588 295,783 295,588 295,684 295,829 295,637 295,570 295,570 295,535 295,684 295,824 295,824 295,824 295,825 295,826 295,827 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,828 295,82
naseer gr, o. nduk. e et	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams Car coupling, N. P. Cowell Car coupling, Buffy & McIvor. Car coupling, Buffy & McIvor. Car coupling, J. Shanaman. Car coupling, J. Shanaman. Car coupling, J. E. Sloan. Car coupling, W. H. Ward. Car coupling, W. H. Ward. Car coupling, W. H. Williams. Car cat graphing, E. Henn Car warmer, chemical, C. Mitchell. Car wheel, McIvin & Clute. Car window curtains, device for holding, F. Furness.  Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carrier. See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, E. T. Thomas. Caster, W. Zimmer. Chain ink, ornamental, S. L. Lederer. Chain tip, watch, H. M. Herring. Chandelier, extension slide, J. P. Bonner. Chinck, lathe, J. S. Gilmore. Choun, W. H. Dyer.	295,593 295,599 295,654 295,669 295,618 295,660 295,763 295,763 295,763 295,588 295,684 295,829 295,576 295,576 295,576 295,576 295,860 295,824 295,824 295,829 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850 295,850
naaseerri-i-ee , gr, ) ndd u kk. ee	Buttons etc. attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. SeeFruit, vegetable and meat can. Cane and cigar case, combiued, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams Car coupling, N. P. Cowell Car coupling, Duffy & McIvor Car coupling, Duffy & McIvor Car coupling, B. D. Lee Car coupling, J. Shanaman Car coupling, J. Shanaman Car coupling, J. E. Sloan. Car coupling, W. Smith Car coupling, W. Mith Car coupling, W. H. Ward Car coupling, W. H. Ward Car cay failway, E. Henn Car window curtains, device for holding, F. Furness.  Cars from one track to another, mechanism for guiding, J. A. Heyl Carter, E. T. Thomas Caster, E. T. Thomas Caster, E. T. Thomas Caster, W. Zimmer Chain link, ornamental, S. L. Lederer. Cbain tip, watch, H. M. Herring Chaindelier, extension slide, J. P. Bonner Chimney cowl, E. R. Stasch Churn, W. H. Dyer Churn, W. H. Dyer Churn, M. A. Jackson	295,593 295,599 295,654 295,664 295,660 295,660 295,763 295,588 295,684 295,576 295,576 295,576 295,576 295,576 295,576 295,835 295,835 295,835 295,835 295,835 295,835 295,836 295,836 295,837 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836
naaseeerri-ee gr., o nddukk. ee	Buttons etc. attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. SeeFruit, vegetable and meat can. Cane and cigar case, combiued, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Hanford. Car coupling, F. K. Adams. Car coupling, N. P. Cowell. Car coupling, Duffy & McIvor. Car coupling, Buffy & McIvor. Car coupling, S. D. Lee. Car coupling, J. Shanaman. Car coupling, J. Shanaman. Car coupling, G. W. Smith. Car coupling, W. H. Ward. Car coupling, H. B. Williams. Car, safety railway, E. Henn. Car warner, chemical, C. Mitchell. Car wheel, Melvin & Clute. Car window curtains, device for holding, F. Furness. Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carrier, See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, E. T. Thomas. Caster, E. T. Thomas. Chandelier, extension slide, J. P. Bonner. Chain ink, ornamental, S. L. Lederer. Chain ink, ornamental, S. R. Stasch. Chuck, lathe, J. S. Gilmore. Churn, W. H. Dyer. Churn, A. Jackson. Churn motor, H. C. Sadler.	295,593 295,599 295,654 295,664 295,660 295,660 295,763 295,588 295,684 295,576 295,576 295,576 295,576 295,576 295,576 295,835 295,835 295,835 295,835 295,835 295,835 295,836 295,836 295,837 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836
naaseeerri-ee gr., o nddukk ee	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams. Car coupling, N. P. Cowell. Car coupling, B. Duffy & McIvor. Car coupling, B. Duffy & McIvor. Car coupling, S. D. Lee Car coupling, S. D. Lee Car coupling, J. Shanaman. Car coupling, G. W. Smith. Car coupling, W. H. Ward. Car coupling, H. B. Williams. Car, safety railway. E. Henn. Car warmer, chemical, C. Mitchell. Car wheel, Melvin & Clute. Car wheel, Melvin & Clute. Car stor, See Cash carrier. Carier. See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, W. Zimmer. Chain link, ornamental, S. L. Lederer. Chain link, ornamental, S. C. Saller. Chuck, lathe, J. S. Gilmore. Churn, W. H. Dyer. Churn, M. H. Oyer. Churn motor, H. C. Sadler. Clamp. See Cabinet maker's clamp.	295,593 295,599 295,654 295,664 295,660 295,660 295,763 295,588 295,684 295,576 295,576 295,576 295,576 295,576 295,576 295,835 295,835 295,835 295,835 295,835 295,835 295,836 295,836 295,837 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836
naaseeeri-i-ee gr, o nduukk ee	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams Car coupling, N. P. Cowell Car coupling, Buffy & McIvor. Car coupling, Buffy & McIvor. Car coupling, S. D. Lee Car coupling, J. Shanaman. Car coupling, J. Shanaman. Car coupling, W. H. Ward. Car coupling, W. H. Ward. Car coupling, W. H. Williams. Car, safety railway, E. Henn Car wheel, Melvin & Clute. Car window curtains, device for holding, F. Furness.  Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner Cartier. See Cash carrier. Cash carrier for stores, C. M. Johnson Caster, E. T. Thomas.  Caster, W. Zimmer Chain link, ornamental, S. L. Lederer. Chain tip, watch, H. M. Herring. Chandelier, extension slide, J. P. Bonner Chinney cowl, E. R. Stasch. Chuck, lathe, J. S. Gilmore Churn, W. H. Dyer. Churn, W. H. Dyer. Churn, See Cabinet maker's clamp. Clasp. See Rope or line clasp.	295,593 295,599 295,654 295,669 295,601 295,763 295,763 295,588 295,684 295,829 295,576 295,576 295,576 295,576 295,576 295,824 295,829 295,824 295,829 295,839 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,830 295,83
naaseeer-t-t-eegr.,ndukkee	Buttons etc. attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. SeeFruit, vegetable and meat can. Cane and cigar case, combiued, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams. Car coupling, Duffy & McIvor. Car coupling, Duffy & McIvor. Car coupling, B. D. Lee. Car coupling, S. D. Lee. Car coupling, J. Shanaman. Car coupling, J. Shanaman. Car coupling, J. E. Sloan. Car coupling, W. Smith. Car coupling, H. B. Williams. Car coupling, H. B. Williams. Car car window curtains, device for holding, F. Furness. Cars from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carier. See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, E. T. Thomas. Caster, E. T. Thomas. Chandelier, extension slide, J. P. Bonner. Chain ink, ornamental, S. L. Lederer. Chain ink, ornamental, S. L. Lederer. Chain ink, ornamental, S. L. Lederer. Chain ink, J. S. Gilmore. Churn, W. H. Dyer. Churn, A. Jackson. Churn motor, H. C. Sadler. Claw bar, W. H. Lyman.	295,593 295,599 295,654 295,664 295,60 295,763 295,586 295,588 295,684 295,829 295,837 295,535 295,535 295,684 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,824 295,825 295,824 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825 295,825
na see erri-lee gr., nddukk ee tt lillillillillillillillillillillillillil	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. SeeFruit, vegetable and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Hanford. Car coupling, F. K. Adams Car coupling, N. P. Cowell Car coupling, N. P. Cowell Car coupling, B. Duffy & McIvor. Car coupling, J. Banaman. Car coupling, J. Shanaman. Car coupling, J. E. Sloan. Car coupling, J. E. Sloan. Car coupling, G. W. Smith Car coupling, H. B. Williams. Car, safety railway, E. Henn Car wheel, Melvin & Clute Car window curtains, device for holding, F. Furness.  Cars from one track to another, mechanism for guiding, J. A. Heyl. Carter. See Cash carrier. Cash carrier for stores, C. M. Johnson Caster, E. T. Thomas. Caster, E. T. Thomas. Caster, W. Zimmer. Chain ink, ornamental, S. L. Lederer. Chain tip, watch, H. M. Herring. Chandelier, extension slide, J. P. Bonner. Chimney cowl, E. R. Stasch. Chuck, lathe, J. S. Gilmore. Churn, W. H. Dyer. Churn, M. H. Dyer. Churn, W. H. Dyer. Churn, W. H. Oyer. Clamp. See Cabinet maker's clamp. Clay crushing machine, F. E. Frey Cleaning textile fabrics, wooden and metallic sur-	295,593 295,599 295,654 295,669 295,618 295,660 295,763 295,763 295,576 295,576 295,576 295,576 295,576 295,576 295,576 295,824 295,824 295,824 295,824 295,824 295,825 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,836 295,83
na see erri-lee gr., o	Buttons etc. attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr	295,593 295,599 295,654 295,664 295,680 295,768 295,684 295,687 295,637 295,637 295,535 295,640 295,637 295,640 295,637 295,640 295,637 295,535 295,640 295,637 295,535 295,640 295,535 295,640 295,535 295,680 295,772 295,869 295,535 295,680 295,772 295,869 295,535 295,687 295,535 295,687 295,535
naasseeerri-i-eegr,nddukkee i-eett	Buttons etc., attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr Camera. See Photographic camera. Solar camera. Can. See Fruit, vegetable, and meat can. Cane and cigar case, combined, D. Lee, Jr Capstan bars, etc., rack for holding, Foster & Han- ford. Car coupling, F. K. Adams. Car coupling, N. P. Cowell. Car coupling, B. Duffy & McIvor. Car coupling, B. Duffy & McIvor. Car coupling, S. D. Lee Car coupling, S. D. Lee Car coupling, J. Shanaman. Car coupling, G. W. Smith. Car coupling, H. B. Williams. Car coupling, H. B. Williams. Car, safety railway, E. Henn. Car warmer, chemical, C. Mitchell. Car wheel, Melvin & Clute. Car wheel, Melvin & Clute. Car from one track to another, mechanism for guiding, J. A. Heyl. Carpet stretcher, W. A. Skinner. Carrier. See Cash carrier. Cash carrier for stores, C. M. Johnson. Caster, E. T. Thomas. Caster, W. Zimmer. Chain link, ornamental, S. L. Lederer. Churk, Lathe, J. S. Gilmore. Churn, W. H. Dyer. Churn, W. H. Dyer. Churn, See Cabinet maker's clamp. Clasp. See Rope or line clasp. Claw bar, W. H. Lyman. Clay crushing machine, F. E. Frey. Cleaning textile fabrics, wooden and metallic sur- faces. etc., composition for, F. S. Monroe. Clock, alarm, J. Ganss.	295,593 295,599 295,654 295,664 295,660 295,681 295,682 295,682 295,687 295,576 295,790 295,576 295,860 295,862 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,687 295,6887
na see erri-lee gr., o	Buttons etc. attaching, J. F. Thayer. Cabinet maker's clamp, W. E. Sheldon, Jr	295,593 295,599 295,654 295,663 295,661 295,661 295,763 295,763 295,763 295,588 295,684 295,829 295,870 295,576 295,870 295,870 295,880 295,880 295,880 295,880 295,880 295,880 295,886 295,887 295,887 295,887 295,887 295,888

Clutch guard, D. Tilton	Latch door, W. F. Oliver
Collar or tie readjuster, W. W. Deniston. 295,526 Colors, machine for sifting, J. C. Matter. 295,783	Lathe dog, F. Armstrong 295,713
Converter, T. Griffiths	Leather, coloring and bronzing, L. Klöpfer 295,653 Leg, artificial, K. R. Collins 295,675
and steel, T. Griffiths	Leggin, J. N. Goldbacher
Cork cutting machine, F. J. Nutting	Lock. See Hasp lock. Seal lock. Lock, F. W. Mix
B. Speer	Log turner, S. T. Haviland
Cot, folding, W. H. Wooldridge	Lubricator, N. H. Heft. 295,757 Lubricator, L. C. Nielsen 295,793
Coupling. See Car coupling. Electric wire coupling. Whiffletree coupling.	Lumber kiln, E. Myers
Cukivator, B. C. Bradley. 295,520 Cultivator, Long & McBeth. 295,779	Frick. 295,534 Mail bag, S. O. Campbell. 295,733
Cultivator, J. Woolridge 295,607	Map stand, revolving, H. E. Hayes
Cyclometer, G. H. Gould         295,682           Dental vulcanizer, F. W. Seabury         295,821	Marine signal light, Baker & Roberts
Door plate and mail receiver, combined, Pace & Wev	Mat. See Floor mat.  Mat, R. Martinez: 295,782
Doors, banging, C. W. Emerson         295,743           Dredge. R. R. Osgood         295,580	Matrices, machine for making, R. L. Kimberly 295,878 Measuring incompressible fluids, machine for, J.
Drier. See Grain drier. Drill. See Ratchet drill. Rock drill.	E. Crisp
Egg holder, W. Kearney	Metals from ores and metallurgical products, ex- tracting, E. H. Russell
Electric implement, A. II. Kinder 295,652	Metals from ores and metallurgical products, sepa- rating, E. H. Russell
Electric machines, apparatus for regulating and distributing currents from dynamo, W. Hoch-	Microscope, W. K. Kidder 295,770
hausen	Middlings, etc., bolt for purifying, O. P. Hurford. 295,555 Mill. See Hominy mill.
J. McTighe	Mill feeding device, J. B. Allfree
Boothby	Moldings, machine for dressing, J. C. Brandon 295,726 Motor. See Churn motor.
Electric wires, sidewalk curb and surface case for, R. Wylie	Musical instruments, water key for brass, J. Heald 295,756 Musical wagon, H. J. D. Miner
Electrode or element, battery, E. T. Starr 295,889	Nailing machine, E. F. Barton 295,515
Elevator safety stop, E. Saunders	Needle, shoe button, E. A. Bailey
Engine. See Gas engine. Rotary engine. Steam. Engine.	Ores, purifying hyposulphite solutions used in leaching, E. H. Russell
Engraving machine, I. R. Beam. 295,853 Envelope, E. J. Trum	Organ, reed, J. B. Hamiiton         295,868           Overalls, W. A. Dawson         295,619
Excavating machine. T. Clark. 295,522 Fare register, H. Marshall. 295,781	Oysters. machine for opening, L. A. Amouroux 295,611 Packer for oil wells, gas and water, E. B. Frew 295,747
Faucet screw, M. O'Connor. 295.794 Feed water heater, B. Webster. 295.891	Packing, asbestus joint, W. A. Fries. 295,748 Packing, asbestus steam, W. A. Fries. 295,749
Fence, F. Schmitz 295,679	Paint mills, cooling apparatus for, Fuller &
Fence stretcher and splicer, wire, J. E. Pierce 295.801 Fence wire fastening, E. S. Lenox	Macauley
Fertilizers, apparatus for making, A. Von Podewils	F. & J. W. McIndoe295,657, 295,658 Paper folding machines, tension device for tapes
File, paper, C. W. Sherwood	of, J. H. Stonemetz
Fire alarm, electric, J. Hill	Teter
Fire arm. magazine, J. Leemann	Parachinanisol, manufacture of, Z. H. Skraup 295.825 Parer, fruit, Keigwin & Talley 295.874
Fire escape, R. E. Downie	Pavement, wood. R. Albrecht 295,610
Fire escape, L. J. Gott       295,631         Fire escape, A. W. Lozier       295,570	Pencil pointing device, H. G. Schramm
Fish box, C. A. Bergtold       295,517         Floor mat, S. Toffler       295,839	Photographic pictures, printing and mounting, J. D. Terreforte
Folding table, W. W. Quigley	Piano forte stringing device, J. R. Lomas 295,778 Piano hammer. E. R. Ober
Fruit and vegetable washer, J. Baker. 295,715 Fruit, vegetable, and meat can, J. Baker. 295,716	Planter check rower, corn. J. P. Moos
Furnace. See Puddling furnace. Reverberatory ore furnace.	Planter fertilizing attachment, seed, A. C. Evans. 295.529 Planter, hand seed, A. Hoag
Galvanic battery, C. Pabst	Planter, potato, J. P. Wick 255,846 Planter, seed. W. L. Hutson. 295,765
Gage. See Splitting gage.	Plow, Wiard & Bullock
Gas, apparatus for manufacturing illuminating, J. J. Shedlock	Plow, sulky, S. W. Barr.       295,613         Plow, sulky, W. McNary.       295,788
Gas engiñe, H. S. Maxim	Pool rack, H. W. Collender
Gas, process of and apparatus for manufacturing, J. L. Stewart	Precious metals from ores, extracting, E. H. Russell
Gate. See End gate. Railway gate. Gate, N. B. Huffman	Press. See Baling press. Press board finishing machine, F. L. Case 295,521
Gate, H. H. Lockling       295,569         Gate, E. D. Rathbun       295,674	Printing plates, making lithographic, P. C. Möller 295,561 Projectile for carrying high explosives, F. H. Sny-
Gearing for changing speed, S. N. Gallup 295,536 Generator. See Steam generator.	der
Glass cutting apparatus, W. H. Walker	Puddling furnace, rotary, J. Hall, Jr
Grain and fertilizer distributing apparatus, A. J.	& Hall, Jr       295,867         Pulley, F. C. Caldwell       295,732
Martin         295,655           Grain binder, J. H. Anderson         295,711	Pulley, O. R. Olsen       295,796         Pulley, Waterous & Peel       295,698
Grain cutting machine, A. Wemple	Pulley, friction, V. W. Mason
Grater, nutrueg, I. J. Church         295,736           Grinding mill, H. Hungerford         295,764	Pulverizing machine, L. S. Chichester. 295,617 Pump, L. G. Careaga y Saenz 295,734
Guard. See Clutch guard. Hanger. See Shafting hanger.	Pump, air, G. Ross 295,676
Hangers to ceilings, implement for attaching, P.	Pump, hollow piston, J. F. Hess etal. 295,638 Pump, rotary, F. S. Troutman. 295,597
Lorillard. Jr	Pumps, rotary, J. M. Wiles
Harrow or soil pulverizer, J. Schindler	Railway crossing, D. Lippy
Harvester, corn, Wagner & Dryer	Railway crossing, Wallack & Rohrer 295 84
Harvester rake, S. Johnston.       295,872         Hasp lock, D. Smith.       295,827	Rat trap for buildings, T. M. Beverage. 295 720
Hat pouncing machine and lathe, Thompson & George	Ratchet wrench, A. E. Osborn
Hat shaping machine, J. R. Kelsey	Register. See Counting register. Fare register.
Heating apparatus and drying rack, combined, J.	Regulator. See Gas pressure regulator. Reverberatory ore furnace, G. W. Jones 295,646
R. Moore	Rock drill, Coe & Hoffnagle
Hinge, duplex brace. A. W. Sangster	Rolling threads on metal. machine for, Wilson &
Hoisting and conveying machine, A. E. Brown 295,727 Hoisting gear, J. L. Booth	Roofing composition, W. White 295.604
Holsting machine, F. Brown 295,730 Holder. See Bouquet and ticket bolder. Egg	Rope or line clasp, A. L. Pitney         .295,802, 295,802           Rotary engine, J. T. Davis         .295,85
holder. Tag or label holder.	Rubber waste for the recovery of the rubber or caoutchout therefrom, treating fibrous, A.
Hominy mill, T. Hudnut	O. Bourn
Hoop nailing machine, A. C. Batcheller. 295.516 Horse armor, J. H. Anderson. 295,712	Saddle, riding, W. Frazier
Horseshoe, M. Caspari	Sash balance, M. B. Gladman
Het air furnace regulator, electric, F. M. Sparrow 295,686 Hub, wheel, A. M. Brown 295,728	Saw guide, T. J. Neacy 295,795 Sawmill D. F. & I. T. Milno
Hydrant. B. C. Vanduzen	
denstein	Sawtooth, R. W. Kellen
Inking apparatus -	
Inking apparatus, automatic registering. Jones & Cooper	Scaffelding attachment, J. T. O'Brien
Cooper	Scaffolding attachment, J. T. O'Brien
Cooper	Scaffolding attachment, J. T. O'Brien
Cooper	Scaffolding attachment, J. T. O'Brien

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. 1	Latch door, W. F. Oliver.         295,795           Latch, gate, J. B. Hasenohr         295,753	Sewer basin, W. Sievering
5	Lathe dog, F. Armstrong	Shade roller, spring, D. E. Kempster.         2           Shafting hanger, J. E. Hoppen.         2           Shingle sawing machine, S. L. Bitting.         2
3 1.	Leggin, J. N. Goldbacher	Shingle'shaving and rifting machine, A. Gould 2 Shoe, W.S. Freeman 2
1	Lock.       See Hasp lock.       Seal lock.         Lock, F. W. Mix       295,660         Log turner, S. T. Haviland       295,549	Shoes, manufacture of, G. W. Sleeper
9	Lubricator, N. H. Heft	Sled propeller, C. Bernhard
8	Lubricator, L. C. Nielsen       295,793         Lumber kiln, E. Myers       295,667	W. Vogel       2         Snap hook, J.H. Shaw       2         Solar camera, C. F. Adams       2
0	Magneto and dynamo electric machine, F. G.           Frick	Soldering machine, can, D. M. Monroe
7 2	Map stand, revolving, H. E. Hayes	Speculum, G. W. Pagett
1	Marker, land, A. W. Hitchcock.       295,761         Mat.* See Floor mat.       295,782	Splitting gage, H. S. Ginther
3	Matrices, machine for making, R. L. Kimberly 295,878 Measuring incompressible fluids, machine for, J.	Steam engine, G. F. Seiser
	E. Crisp	Steam generator, F. Livet
2 2	Metals from ores and metallurgical products, ex- tracting, E. H. Russell	Stereotype plate, F. K. Tracy
	rating E. H. Russell         295,887           Microscope, W. K. Kidder         295,770	Swivels, device for finishing chain, J. E. Walcott 2 Syringe, vaginal, J. A. Hawiey
9	Middlings, etc., bolt for purifying, O. P. Hurford. 295,555 Mill. See Hominy mill.  Mill fooding device. I. P. Allfred.	Table. See Folding table. Tag, M. W. & J. D. Kase
4	Mill feeding device, J. B. Allfree	Tag or label, W. P. Patton
9	Motor. See Churn motor. Musical instruments, water key for brass, J. Heald 295,756	Telegraphic system, C. G. Burke
9	Musical wagon, H. J. D. Miner       295.659         Nailing machine, E. F. Barton       295,515         Needle, shoe button, E. A. Bailey       295.612	Telephone transmitter, D. Drawbaugh295,741, 3 Telephonic receiver, C. A. Randall
0	Oil, removing oleine from linseed, T. H. Gray 295,633 Ores, purifying hyposulphite solutions used in	Thrashing machine grain separator, P. L. Nash
3	leaching, E. H. Russell.     295.886       Organ, reed, J. B. Hamilton.     295.868       Owbrells, W. A. Downson     295.868	Maffrand
2	Overalis, W. A. Dawson	Tongs, pipe, H.S. Pullman
4	Packing, asbestus joint, W. A. Fries.         295,748           Packing, asbestus steam, W. A. Fries.         295,749	Tricycle, D. E. Dutrow. 2 Trunk, F. H. Ransom 2
9	Paint mills, cooling apparatus for, Fuller & Macauley	Tuyere, F. W. Gordon
5	F. & J. W. McIndoe	for, E. Ross
1 0 9	of, J. H. Stonemetz	Valves, apparatus for testing safety, G. W. Richardson
3	Teter	Vapor burner safety attachment, R. S. Kelsey
3	Parer, fruit, Keigwin & Talley         295,874           Pavement, wood, R. Albrecht         295,610	Vehicle brake. J. T. Dillehay
0	Pencil pointing device, H. G. Schramm	Vessel, tilting, W. Zimmer
9	D. Terreforte	Warping machine, G. S. Follansbee.  Water closet valve, H. A. Tobey.
7 5 6	Plano hammer, E. R. Ober. 295,670. Planter check rower, corn. J. P. Moos. 295,889. Planter check rower, distributor good. C. France. 295,889.	Water wheel, turbine, I. Sherck.
0	Planter fertilizer distributer, seed, A. C. Evans. 295.528 Planter fertilizing attachment, seed, A. C. Evans. 295.529 Planter, hand seed, A. Hoag. 295.762	Waterproofing and preserving buildings, compound for, B. De Nise
1	Planter, potato, J. P. Wick. 295,846 Planter, seed. W. L. Hutson. 295,765	Weather strip, E.E. Gillett
2	Plow, Wiard & Bullock.       295,702         Plow, sulky, S. W. Barr.       295,613         Plow, sulky, W. McNary.       295,788	Wheel. See Car wheel. Water wheel.  Whiffletree, J. Graves
4	Pool rack, H. W. Collender	Whiffletree coupling, O. Vanorman
2	Precious metals from ores, extracting, E. H. Russell	Wire barbing machine, G. C. Baker
9	Press board finishing machine, F. L. Case 295,521 Printing plates, making lithographic, P. C. Möller 295,661	Wrench. See Ratchet wrench.
4	Projectile for carrying high explosives, F. H. Snyder	
6		DESIGNS.
3 3	Puddling furnace, rotary, J. Hall, Jr	Basque, lady's, C. O'Hara
3	Puddling furbace, rotary, J. Hall, Jr.       295,751         Puddling furbaces, water joint for rotary, Griffen & Hall, Jr.       295,867         Pulley, F. C. Caldwell       295,732         Pulley, O. R. Olsen       295,796	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan.
3 3 5 1 9	Puddling furnace, rotary, J. fiall, Jr.       295,751         Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.       295,867         Pulley, F. C. Caldwell       295,732         Pulley, O. R. Olsen       295,789         Pulley, Waterous & Peel       295,698         Pulley, friction, V. W. Mason       295,656	Basque, lady's, C. O'Hara.     Button, sleeve, F. F. & J. C. Bioren.     Carpet, E. Fisher.     Carpet, E. C. Frost.     Carpet, H. Horan.   14,903 to     Carpet, J. McMann.     Carpet, H. North.   14,914,
3 3 5 1	Puddling furnace, rotary, J. fiall, Jr.       295,751         Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.       295,867         Pulley, F. C. Caldwell       295,732         Pulley, O. R. Olsen       295,698         Pulley, Waterous & Peel       295,698         Pulley, friction, V. W. Mason       295,656         Pulverizing apparatus, L. S. Chichester       295,616         Pulverizing machine, L. S. Chichester       295,617         Pump, L. G. Careaga y Saenz       295,734	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan. Carpet, J. McMann. Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels.
3 3 5 1 9 3 6	Puddling furnace, rotary, J. Hall, Jr.       295,751         Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.       295,867         Pulley, F. C. Caldwell       295,732         Pulley, O. R. Olsen       295,796         Pulley, Waterous & Peel       295,656         Pulley, friction, V. W. Mason       295,656         Pulverizing apparatus, L. S. Chichester       295,836         Pulverizing machine, L. S. Chichester       295,617         Pump, L. G. Careaga y Saenz       295,676         Pump, hollow piston, J. F. Hess etal       295,639	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan. Carpet, J. McMann. Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset.
3 3 5 1 9 3 6	Puddling furnace, rotary, J. fiall, Jr.       295,751         Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.       295,867         Pulley, F. C. Caldwell       295,732         Pulley, O. R. Olsen       295,786         Pulley, Waterous & Peel       295,656         Pulley, friction, V. W. Mason       295,656         Pulverizing apparatus, L. S. Chichester       295,856         Pulverizing machine, L. S. Chichester       295,856         Pump L. G. Careaga y Saenz       295,734         Pump, air, G. Ross       295,676         Pump, hollow piston, J. F. Hess etal       295,537         Pump, rotary, F. S. Troutman       295,597         Pump, rotary, J. M. Wiles       295,704	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Iloran. Carpet, J. McMann Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten.
3 3 5 1 9 3 6 4 0 12 0 7	Puddling furnace, rotary, J. fiall, Jr.       295,751         Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.       295,867         Pulley, F. C. Caldwell       295,732         Pulley, O. R. Olsen       295,798         Pulley, Waterous & Peel       295,698         Pulley, friction, V. W. Mason       295,656         Pulverizing apparatus, L. S. Chichester       295,856         Pulverizing machine, L. S. Chichester       295,636         Pump, L. G. Careaga y Saenz       295,734         Pump, air, G. Ross       295,676         Pump, hollow piston, J. F. Hess etal       295,597         Pump, rotary, F. S. Troutman       295,597         Pumps, valve gear for hydraulic, G. W. Dickie       295,704         Pumps, valve gear for hydraulic, G. W. Dickie       295,700         Radiator, steam, E. T. Weymouth       295,588         Asilway crossing, D. Lippy       295,588	Basque, lady's, C. O'Hara.  Button, sleeve, F. F. & J. C. Bioren.  Carpet, E. Fisher.  Carpet, E. C. Frost.  Carpet, H. Horan.  Carpet, H. North.  Carpet, H. North.  Carpet, L. W. Valentine.  Costume, girl's, C. Shiels.  Costume, miss's, S. J. Shiels.  Ear ring pendant, J. B. Van Houten.  Furniture back frame, F. Masset.  Mitt, W. P. Jennings.  Musical instrument case, M. Gally.  Ornamentation of textile and other fabrics,  Hirsch & Marx.  Polonaise, lady's, J. Q. Reed.
3 3 3 5 1 9 3 6 4 1 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 1 3 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	Puddling furnace, rotary, J. Hall, Jr.       295,751         Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.       295,867         Pulley, F. C. Caldwell       295,732         Pulley, O. R. Olsen       295,688         Pulley, Waterous & Peel       295,688         Pulley, Waterous & Peel       295,666         Pulverizing apparatus, L. S. Chichester       295,666         Pulverizing machine, L. S. Chichester       295,617         Pump, L. G. Careaga y Saenz       295,734         Pump, afr, G. Ross       295,639         Pump, hollow piston, J. F. Hess etal       295,639         Pump, rotary, F. S. Troutman       295,597         Pump, valve gear for hydraulic, G. W. Dickie       295,622         Radiator, steam, E. T. Weymouth       295,702         Railway crossing, Wallack & Rohrer       295,898         Railway crossing, Wallack & Rohrer       295,898	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan
3 3 5 1 9 3 6 4 1 0 1 2 0 7 7 1 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Puddling furnace, rotary, J. Hall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,786           Pulley, Waterous & Peel         295,688           Pulley, Waterous & Peel         295,666           Pulverizing apparatus, L. S. Chichester         295,666           Pulverizing machine, L. S. Chichester         295,661           Pump, L. G. Careaga y Saenz         295,734           Pump, afr, G. Ross         295,673           Pump, hollow piston, J. F. Hess etal         295,639           Pump, rotary, F. S. Troutman         295,597           Pump, valve gear for hydraulic, G. W. Dickie         295,622           Radiator, steam, E. T. Weymouth         295,622           Radiator, steam, E. T. Weymouth         295,626           Railway crossing, Wallack & Rohrer         295,836           Railway gate, L. C. Walsh         295,638           Rat trap for buildings, T. M. Beverage         295,720           Ratchet drill, J. H. Vinton         295,837           Ratchet wrench, A. E. Osborn         295,837	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan
3 3 5 1 9 3 6 4 10 12 10 7 12 13 12 7 10 0	Puddling furnace, rotary, J. fiall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,796           Pulley, Waterous & Peel         295,698           Pulley, friction, V. W. Mason         295,656           Pulverizing apparatus, L. S. Chichester         295,656           Pulverizing machine, L. S. Chichester         295,636           Pulverizing machine, L. S. Chichester         295,636           Pump, L. G. Careaga y Saenz         295,734           Pump, air, G. Ross         295,676           Pump, hollow piston, J. F. Hess etal         295,537           Pump, rotary, J. M. Wiles         295,597           Pumps, valve gear for hydraulic, G. W. Dickie         295,597           Pumps, valve gear for hydraulic, G. W. Dickie         295,600           Radiator, steam, E. T. Weymouth         295,700           Railway crossing, D. Lippy         295,608           Railway crossing, Wallack & Rohrer         295,804           Rat trap for buildings. T. M. Beverage         295,604           Rat trap for buildings. T. M. Beverage         295,604           Ratchet drill, J. H. Vinton         295,604           Ratchet wrench, A. E. Os	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. F'rost. Carpet, H. Horan. Carpet, J. McMann Carpet, J. McMann Carpet, H. North
3 3 3 5 1 9 9 3 3 6 6 4 4 0 0 12 2 3 2 2 7 7 0 0 0 0 0 3 3	Puddling furnace, rotary, J. Hall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,796           Pulley, Waterous & Peel         295,698           Pulley, friction, V. W. Mason         295,666           Pulverizing apparatus, L. S. Chichester         295,666           Pulverizing machine, L. S. Chichester         295,617           Pump, L. G. Careaga y Saenz         295,734           Pump, L. G. Careaga y Saenz         295,734           Pump, hollow piston, J. F. Hess etal         295,639           Pump, rotary, F. S. Troutman         295,597           Pump, rotary, J. M. Wiles         295,704           Pumps, valve gear for hydraulic, G. W. Dickie         295,579           Pumps, valve gear for hydraulic, G. W. Dickie         295,698           Radiavay crossing, D. Lippy         295,608           Railway crossing, Wallack & Rohrer         295,608           Railway gate, L. C. Walsh         295,609           Rat trap for buildings, T. M. Beverage         295,702           Ratchet drill, J. H. Vinton         295,609           Razor strop, J. R. Torrey         295,80           Register. See Counting register. Fare regist	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. F'rost. Carpet, H. Horan. Carpet, J. McMann. Carpet, J. McMann. Larpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or slipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wrap, lady's, C. O'Hara.  TRADE MARKS. Brushes, hat, G. Bossange. Cigars and cigarettes, H. Segnitz & Co.
3 3 3 5 1 9 3 3 6 6 4 00 12 2 2 7 7 0 0 0 0 0 0 1 3 3 1 8 1 1	Puddling furnace, rotary, J. Hall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,698           Pulley, Waterous & Peel         295,698           Pulley, friction, V. W. Mason         295,666           Pulverizing apparatus, L. S. Chichester         295,666           Pulverizing machine, L. S. Chichester         295,617           Pump, L. G. Careaga y Saenz         295,734           Pump, air, G. Ross         295,673           Pump, hollow piston, J. F. Hess etal         295,639           Pump, rotary, F. S. Troutman         295,570           Pump, valve gear for hydraulic, G. W. Dickie         295,670           Pumps, valve gear for hydraulic, G. W. Dickie         295,608           Radiator, steam, E. T. Weymouth         295,702           Railway crossing, D. Lippy         295,688           Railway crossing, Wallack & Rohrer         295,698           Rat trap for buildings, T. M. Beverage         295,792           Ratchet drill, J. H. Vinton         295,894           Razor strop, J. R. Torrey         295,894           Register. See Counting register. Fare register         Regustor. See Gas pressure regulator <t< td=""><td>Basque, lady's, C. O'Hara. Button, sleeve, F. F. &amp; J. C. Bioren. Carpet, E. Fisher. Carpet, E. Fisher. Carpet, H. Horan</td></t<>	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. Fisher. Carpet, H. Horan
333 551 99 3 3 664 00 12 200 77 22 5 22 77 00 00 00 33 18 17 16 16 17	Puddling furnace, rotary, J. fiall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,796           Pulley, Waterous & Peel         295,698           Pulley, friction, V. W. Mason         295,656           Pulverizing apparatus, L. S. Chichester         295,656           Pulverizing machine, L. S. Chichester         295,636           Pulverizing machine, L. S. Chichester         295,636           Pump, L. G. Careaga y Saenz         295,732           Pump, air, G. Ross         295,676           Pump, notary, F. S. Troutman         295,597           Pump, rotary, J. M. Wiles         295,597           Pumps, valve gear for hydraulic, G. W. Dickie         295,597           Radiator, steam, E. T. Weymouth         295,700           Railway crossing, D. Lippy         295,588           Railway crossing, Wallack & Rohrer         295,848           Railway pate, L. C. Walsh         295,797           Ratchet drill, J. H. Vinton         295,698           Ratchet wrench, A. E. Osborn         295,797           Razor strop, J. R. Torrey         295,840           Register         See Gas pressure regulator <tr< td=""><td>Basque, lady's, C. O'Hara. Button, sleeve, F. F. &amp; J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan. Carpet, J. McMann Carpet, J. McMann Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch &amp; Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wrap, lady's, C. O'Hara.  TRADE MARKS. Brushes, hat, G. Bossange. Cigars and cigarettes, H. Segnitz &amp; Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros. &amp; Bondy. Cough remedies. Kerry, Watson &amp; Co. Food made from grain, article of, Glaser, Kohn &amp;</td></tr<>	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan. Carpet, J. McMann Carpet, J. McMann Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wrap, lady's, C. O'Hara.  TRADE MARKS. Brushes, hat, G. Bossange. Cigars and cigarettes, H. Segnitz & Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros. & Bondy. Cough remedies. Kerry, Watson & Co. Food made from grain, article of, Glaser, Kohn &
33 3 5 1 9 3 6 6 4 00 12 20 7 7 22 3 3 2 2 7 7 00 6 0 6 3 3 18 17 6 7 7 5	Puddling furnace, rotary, J. fiall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           A. Hall, Jr.         295,732           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,796           Pulley, Waterous & Peel         295,698           Pulley, friction, V. W. Mason         295,656           Pulverizing apparatus, L. S. Chichester         295,656           Pulverizing machine, L. S. Chichester         295,656           Pump, L. G. Careaga y Saenz         295,732           Pump, air, G. Ross         295,676           Pump, nollow piston, J. F. Hess etal         295,597           Pump, rotary, F. S. Troutman         295,597           Pump, vary, F. S. Troutman         295,597           Pump, vary, F. S. Troutman         295,597           Pump, valve gear for hydraulic, G. W. Dickie         295,597           Radiator, steam, E. T. Weymouth         295,790           Railway crossing, D. Lippy         295,588           Railway grassing, Wallack & Rohrer         295,848           Railway gate, L. C. Walsh         295,694           Rat trap for buildings, T. M. Beverage         295,797           Razor strop, J. R. Torrey         295,694	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan. Carpet, H. Horan. Carpet, J. McMann Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wrap, lady's, C. O'Hara.  TRADE MARKS.  Brushes, hat, G. Bossange. Cigars and charettes, H. Segnitz & Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros. & Bondy. Cough remedies. Kerry, Watson & Co. Food made from grain, article of, Glaser, Kohn & Co. Liquors and spirits, Cusenier Fils Aine & Co.11,635, Soap. laundry, Procter & Gamble.  11,635 to
3 3 3 5 1 9 9 3 3 6 6 4 4 0 0 12 2 2 7 7 0 0 0 6 0	Puddling furnace, rotary, J. fiall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,698           Pulley, Waterous & Peel         295,698           Pulley, friction, V. W. Mason         295,656           Pulverizing apparatus, L. S. Chichester         295,666           Pulverizing machine, L. S. Chichester         295,617           Pump, L. G. Careaga y Saenz         295,734           Pump, air, G. Ross         295,676           Pump, hollow piston, J. F. Hess etal         295,597           Pump, rotary, F. S. Troutman         295,597           Pump, rotary, J. M. Wiles         295,704           Pumps, valve gear for hydraulic, G. W. Dickie         295,257           Radiator, steam, E. T. Weymouth         295,704           Radiavay crossing, Wallack & Rohrer         295,586           Railway grossing, Wallack & Rohrer         295,698           Rat trap for buildings, T. M. Beverage         295,797           Ratchet drill, J. H. Vinton         295,694           Ratchet wrench, A. E. Osborn         295,840           Register. See Gounting register. Fare register         Register. See Gas pressure regulator         295,840	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. F'rost. Carpet, H. Horan. Carpet, H. Horan. Lapet, H. North. Lapet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wrap, lady's, C. O'Hara.  TRADE MARKS. Brushes, hat, G. Bossange. Cigars and cigarettes, H. Segnitz & Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros, & Bondy. Cough remedies. Kerry, Watson & Co. Food made from grain, article of, Glaser, Kohn & Co. Liquors and spirits, Cusenier Fils Aine & Co.11,635, Soap, laundry, Procter & Gamble.  K. & K. K. Peace.
33 3 5 1 1 99 3 3 6 6 4 4 00 12 2 13 2 2 7 7 0 0 0 0 13 18 18 18 16 6 7 7 5 5 0 0	Puddling furnace, rotary, J. fiall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,796           Pulley, Waterous & Peel         295,698           Pulley, friction, V. W. Mason         295,656           Pulverizing apparatus, L. S. Chichester         295,656           Pulverizing machine, L. S. Chichester         295,656           Pulverizing apparatus, L. S. Chichester         295,638           Pulverizing apparatus, L. S. Chichester         295,639           Pulverizing apparatus, L. S. Chichester         295,636           Pump, holow piston, J. F. Hess etal         295,636           Pump, contract, F. S. Troutman         295,537           Pump, rotary, J. M. Wiles         295,692           Radiator, stave, E. T. Weymouth         295,692           Railway crossing, D. Lippy         295,682           Railway crossing, Wallack & Rohrer         295,842           <	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. Fisher. Carpet, H. Horan
3 3 3 5 1 9 9 3 6 6 4 00 12 20 7 7 2 2 3 2 2 7 7 5 5 0 0 6 6 12 6 6 0 0 6 6 12 6 6 0 0 6 6 12 6 6 0 0 6 6 12 6 6 0 0 6 6 12 6 6 0 0 6 6 12 6 6 0 0 6 6 12 6 6 0 0 6 6 12 6 6 0 0 6 6 12 6 6 0 0 6 12 6 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 6 12 6 0 0 0 6 12 6 0 0 0 6 12 6 0 0 0 6 12 6 0 0 0 6 12 6 0 0 0 6 12 6 0 0 0 0 6 12 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Puddling furnace, rotary, J. fiall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           A. Hall, Jr.         295,732           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,698           Pulley, Waterous & Peel         295,698           Pulley, friction, V. W. Mason         295,656           Pulverizing apparatus, L. S. Chichester         295,656           Pulverizing machine, L. S. Chichester         295,636           Pulverizing apparatus, L. S. Chichester         295,636           Pulverizing machine, L. S. Chichester         295,639           Pulp, C. G. Careaga y Saenz         295,732           Pump, L. G. Careaga y Saenz         295,636           Pump, hollow piston, J. F. Hess etal         295,636           Pump, notary, F. S. Troutman         295,537           Pump, rotary, J. M. Wiles         295,537           Pump, valve gear for hydraulic, G. W. Dickie         295,537           Pumps, valve, gear for hydraulic, G. W. Dickie         295,636           Railway crossing, D. Lippy         295,700           Railway crossing, Wallack & Rohrer         295,842           Railway crossing, Wallack & Rohrer         295,842           Railway gate, L. C. Walsh	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan. Carpet, H. Horan. Carpet, J. McMann Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle. G. B. Kelley. Watch movement, G. Perregaux. Wrap, lady's, C. O'Hara.  TRADE MARKS.  Brushes, hat, G. Bossange. Cigars and charettes, H. Segnitz & Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros. & Bondy. Cough remedies. Kerry, Watson & Co. Food made from grain, article of, Glaser, Kohn & Co. Liquors and spirits, Cusenier Fils Aine & Co.11,635, Soap. laundry. Procter & Gamble
3 3 3 5 1 9 9 3 6 6 4 00 12 20 7 7 2 2 3 2 2 7 7 5 5 0 0 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6	Puddling furnace, rotary, J. fiall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,732           Pulley, Waterous & Peel         295,668           Pulley, friction, V. W. Mason         295,666           Pulverizing apparatus, L. S. Chichester         295,666           Pulverizing machine, L. S. Chichester         295,676           Pump, L. G. Careaga y Saenz         295,734           Pump, air, G. Ross         295,676           Pump, hollow piston, J. F. Hess etal         295,597           Pump, rotary, F. S. Troutman         295,597           Pump, rotary, J. M. Wiles         295,704           Pumps, valve gear for hydraulic, G. W. Dickie         295,597           Pumps, valve gear for hydraulic, G. W. Dickie         295,597           Radiator, steam, E. T. Weymouth         295,709           Radiator, steam, E. T. Weymouth         295,709           Railway crossing, Wallack & Rohrer         295,808           Railway gate, L. C. Walsh         295,698           Rat trap for buildings, T. M. Beverage         295,797           Ratchet drill, J. H. Vinton         295,694           Ratchet wrench, A. E. Osborn	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. F'rost. Carpet, H. Horan. Carpet, H. Horan. Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame. F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wraŷ, lady's, C. O'Hara.  TRADE MARKS. Brushes, hat. G. Bossange. Cigars and cigarettes, H. Segnitz & Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros. & Bondy. Cough remedies. Kerry, Watson & Co. Food made from grain, article of, Glaser, Kohn & Co. Liquors and spirits, Cusenier Fils Aine & Co.11,635, Soap. laundry, Procter & Gamble. Varnishes, Japans. blacks, colors, paints, wood lings, and rough stuffs, Valentine & Company. Whisky, rye and bourbon, S. C. Herbst. 11,030, Whiting, prepared. A. Buel.
333 551 99 3 664 00 22 27 70 00 00 33 88 11 66 27 72 55 00 064 66 28 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 00 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000 066 88 000	Puddling furnace, rotary, J. fiall, Jr.         295,751           Puddling furnaces, water joint for rotary, Griffen & Hall, Jr.         295,867           Pulley, F. C. Caldwell         295,732           Pulley, O. R. Olsen         295,732           Pulley, Waterous & Peel         295,668           Pulley waterous & Peel         295,666           Pulverizing apparatus, L. S. Chichester         295,666           Pulverizing machine, L. S. Chichester         295,676           Pump, L. G. Careaga y Saenz         295,734           Pump, L. G. Careaga y Saenz         295,676           Pump, hollow piston, J. F. Hess etal         295,676           Pump, rotary, F. S. Troutman         295,579           Pump, rotary, J. M. Wiles         295,704           Pumps, valve gear for hydraulic, G. W. Dickie         295,579           Pumps, valve gear for hydraulic, G. W. Dickie         295,579           Radiavay crossing, Wallack & Rohrer         295,570           Radiavay crossing, Wallack & Rohrer         295,570           Railway grate, L. C. Walsh         295,698           Rat trap for buildings, T. M. Beverage         295,737           Ratchet wrench, A. E. Osborn         295,737           Razor strop, J. R. Torrey         295,840           Register. See Gounting register. Fare	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. F'rost. Carpet, H. Horan. Carpet, H. North. Carpet, H. North. Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wraø, lady's, C. O'Hara.  TRADE MARKS. Brushes, hat, G. Bossange. Cigars and cigarettes, H. Segnitz & Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros. & Bondy. Cough remedies. Kerry, Watson & Co. Food made from grain, article of, Glaser, Kohn & Co. Liquors and spirits, Cusenier Fils Aine & Co.11,635, Soap. laundry, Procter & Gamble. 11,638 to Steel and certain implements made therefrom, W. K. & K. K. Peace. Varnishes, Japans. blacks, colors, paints, wood lings, and rough stuffs, Valentine & Company. Whisky, rye and bourbon, S. C. Herbst. 11.030, Whiting, prepared, A. Buel.
33 519 3 64 00 207 70 2 3 2 2 7 00 00 33 8 1 1 6 2 7 5 5 00 64 6 2 2 6 6 00 66 8 8 00 4 4 6 7 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Puddling furnace, rotary, J. fiall, Jr	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan. Carpet, H. Horan. Carpet, J. McMann Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wrap, lady's, C. O'Hara.  TRADE MARKS.  Brushes, hat, G. Bossange. Cigars and cigarettes, H. Segnitz & Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros. & Bondy. Cough remedies. Kerry, Watson & Co. Food made from grain, article of, Glaser, Kohn & Co. Liquors and spirits, Cusenier Fils Aine & Co.11,025, Soap, laundry, Procter & Gamble. Unions, and rough stuffs, Valentine & Company. Whisky, R. J. Semmes & Co. 11,043, Whisky, rye and bourbon, S. C. Herbst. 11.030, Whiting, prepared, A. Buel.  A printed copy of the specification and draw any patent in the foregoing list, also of any I issued since 1866, will be fürnished from this office cents. In ordering please state the number and of the patent desired, ard remit to Munn & C Broadway, New York. Weilso furnish copies of processor.
33 5 1 9 3 3 6 6 4 00 2 2 2 2 7 7 0 0 0 0 3 3 1 8 1 1 6 2 7 5 5 0 0 6 4 6 6 2 6 6 0 6 6 8 8 0 0 0 2 4	Puddling furnace, rotary, J. fiall, Jr	Basque, lady's, C. O'Hara. Button, sleeve, F. F. & J. C. Bioren. Carpet, E. Fisher. Carpet, E. C. Frost. Carpet, H. Horan. Carpet, H. Horan. Carpet, J. McMann Carpet, H. North. Carpet, L. W. Valentine. Costume, girl's, C. Shiels. Costume, miss's, S. J. Shiels. Ear ring pendant, J. B. Van Houten. Furniture back frame, F. Masset. Mitt, W. P. Jennings. Musical instrument case, M. Gally. Ornamentation of textile and other fabrics, Hirsch & Marx. Polonaise, lady's, J. Q. Reed. Shoe or stipper, C. B. Hatfield. Skirt, lady's, C. O'Hara. Spoon or fork handle, G. B. Kelley. Watch movement, G. Perregaux. Wrap, lady's, C. O'Hara.  TRADE MARKS.  Brushes, hat, G. Bossange. Cigars and charettes, H. Segnitz & Co. Cigars. cigarettes, and smoking tobacco, Kaufmann Bros. & Bondy. Cough remedies. Kerry, Watson & Co. Food made from grain, article of, Glaser, Kohn & Co. Liquors and spirits, Cusenier Fils Aine & Co.11,635, Soap. laundry. Procter & Gamble.  11,638 to Steel and certain implements made therefrom.W. K. & K. Peace. Varnishes, Japans. blacks, colors, paints, wood 1- ings, and rough stuffs, Valentine & Company. Whisky, rye and bourbon, S. C. Herbst. 11,030, Whiting, prepared, A. Buel.  A printed copy of the specification and draw any patent in the foregoing list, also of any pissued since 1866, will be fürnished from this office cents. In ordering please state the number an of the patent desired, ar. i remit to Munn & C. Broadway, New York. We 180 furnish copies of pr granted prior to 1866; but at increased cost, a specifications, not being printed, must be copt- hand.

ı	Sewer basin, W. Sievering	205 222
١	Sewing machine feeding mechanism, C. W. Healey	205 551
l	Sewing machine reeding mechanism, C. W. Healey	005 075
ı	Shade roller, spring, D. E. Kempster.	20,010
١	Shafting hanger, J. E. Hoppen	290.000
ı	Shingle sawing machine, S. L. Bitting	295,722
ı	Shingle shaving and rifting machine, A. Gould	295,541
I	Shoe, W. S. Freeman	295,624
١	Shoes manufacture of, G. W. Sleeper	295,826
١	Skins machine for putting out or stretching, B.	
١	McKeen	295,787
ı	Sled propeller, C. Bernhard	295,719
ı	Smoke, apparatus for and process of consuming,	
ı	W. Vogel	295 842
١	w. vogel	295 683
ı	Snap hook, J.H. Shaw	205,608
١	Solar camera, C. F. Adams	005 000
ı	Soldering machine, can, D. M. Monroe	290,004
ı	Soldering tool, W. M. Ryan	295.888
1	Speculum G. W. Pagett	295,790
١	Spinning and twisting machine, C. A. Coggeshall.	295,738
ı	Splitting gage, H. S. Ginther	295.629
ı	Stamp, canceling, E. B. Brown	295,729
1	Stand. See Map stand.	
ı	Steam engine, G. F. Seiser	295,681
i	Steam generator, D. M. Graham.	
	Steam generator, F. Livet	
	Steam trap, G. B. McCracken	
j		
Ì	Stereotype plate, F. K. Tracy	
	Sugar, manufacture of, K. Trobach	
	Swivel for watch chains, P. Nerney	
ı	Swivels, device for finishing chain, J. E. Walcott	
1	Syringe, vaginal, J. A. Hawiey	295,755
	Table. See Folding table.	
	Tag, M. W. & J. D. Kase	295,557
١	Tag or label, W. P. Patton	
١	Tag or labelholder, A. Hanvey	
	Telegraph, printing, A. F. Johnson	
	Telegraphic system, C. G. Burke	295,855
	Telephone support, G. W. Fish	
	Telephone transmitter, D. Drawbaugh295,741,	
	Telephonic receiver, C. A. Randall	
	Telephonic transmitter. C. A. Randall295,865 to	
	Thrashing machine grain separator, P. L. Nash	
	Tobacco in licorice, apparatus for dipping, E. F.	
	Maffrand	295,780
	Maffrand	295,780 295,567
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H.S. Pullman.	295,780 295,567 295,885
	Maffrand Tollet bracket, C. Lindner. Tongs, pipe, H.S. Pullman. Toy, J. A. Ward.	295,780 295,567 295,885
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H.S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rat trap. Steam trap.	295,780 295,567 295,885 295,845
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rat trap. Steam trap. Tricycle, D. E. Dutrow.	295,780 295,567 295,885 295,845 295,861
	Maffrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom.	295,780 295,567 295,885 295,845 295,861 295,808
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H.S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom. Tuyére, F. W. Gordon.	295,780 295,567 295,885 295,845 295,861 295,808 295,540
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rat trap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom Tuyere, F. W. Gordon. Tuyere, J. F. Harly.	295,780 295,567 295,885 295,845 295,861 295,808 295,540 295,548
	Maffrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly Umbrellas and cases, hand protecting attachment	295,780 295,567 295,885 295,845 295,861 295,808 295,540 295,548
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross.	295,780 295,567 295,885 295,845 295,861 295,808 295,540 295,548
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rat trap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom. Tuyère, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet.	295,780 295,567 295,885 295,845 295,861 295,540 295,540 295,586 295,669
	Maffrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valve, apparatus for testing safety, G. W. Rich-	295,780 295,567 295,885 295,845 295,861 295,540 295,548 295,546 295,669
	Mafirand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson.	295,780 295,567 295,885 295,845 295,861 295,540 295,548 295,566 295,669
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rat trap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey.	295,780 295,567 295,885 295,845 295,861 295,580 295,540 295,548 295,669 295,669 295,585 295,651
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rat trap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom Truyère, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and ap-	295,780 295,567 295,885 295,845 295,861 295,540 295,548 295,586 295,669 295,585 295,651
	Mafirand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden.	295,780 295,567 295,885 295,861 295,861 295,540 295,548 295,586 295,669 295,585 295,651
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rat trap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom Truyère, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and ap-	295,780 295,567 295,885 295,861 295,861 295,540 295,548 295,586 295,669 295,585 295,651
	Mafirand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden.	295,780 295,567 295,885 295,861 295,861 295,540 295,546 295,669 295,586 295,651 295,550 295,740
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom. Tuyére, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake, J. T. Dillehay.	295,780 295,567 295,885 295,861 295,861 295,540 295,546 295,586 295,669 295,585 295,651 295,550 295,740 295,754
	Maffrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Hattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly Umbrellas and cases, hand protecting attachment for, E. Ross Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden Vehicle brake, J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer.	295,780 295,567 295,885 295,861 295,861 295,540 295,548 295,586 295,669 295,585 295,750 295,740 295,740 295,549
	Maffrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, titting, W. Zimmer.	295,780 295,567 295,885 295,861 295,868 295,540 295,548 295,586 295,669 295,550 295,740 295,740 295,754 295,879
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake, J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris.	295,780 295,885 295,885 295,861 295,808 295,548 295,566 295,586 295,585 295,669 295,784 295,754 295,754 295,754 295,754 295,849 295,849 295,835
	Maffrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee.	295,780 295,567 295,885 295,845 295,861 295,540 295,546 295,586 295,669 295,585 295,651 295,740 295,754 295,754 295,875 295,875 295,875 295,875 295,875 295,875 295,875 295,875
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle seat, G. B. Haskell. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water closet valve, K. A. Tobey.	295,780 295,865 295,885 295,885 295,861 295,586 295,586 295,586 295,586 295,565 295,740 295,740 295,754 295,857 295,635 295,635 295,635
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water, purifying, W. Tweeddale.	295,780 295,567 295,885 295,845 295,861 295,540 295,546 295,566 295,566 295,756 295,756 295,756 295,756 295,756 295,756 295,754 295,849 295,849 295,849 295,849 295,849 295,849 295,849 295,849 295,849 295,849 295,849 295,849
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valve, steam actuated, D. F. Nisbet. Valve, spaparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water, purifyibg, W. Tweeddale. Water wheel, turbine, I. Sberck.	295,780 295,587 295,885 295,885 295,886 295,540 295,540 295,566 295,566 295,566 295,566 295,740 295,740 295,740 295,740 295,745 295,849 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,645 295,64
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wargon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifyibg, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, com-	295,780 295,587 295,865 295,865 295,866 295,540 295,546 295,566 295,566 295,567 295,540 295,540 295,540 295,540 295,540 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,64
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle seat, G. B. Haskell. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water closet valve, M. A. Tobey. Water, purifying, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for, B. De Nise.	295,780 295,587 295,885 295,885 295,886 295,540 295,548 295,566 295,566 295,740 295,754 295,754 295,754 295,754 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,835 295,83
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vapor laing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifyibg, W. Tweeddale. Water wheel, turbine, I. Sberck. Waterproofing and preserving buildings, compound for, B. De Nise. Waterproofing composition, A. Mink.	295.780 295.581 295.885 295.885 295.540 295.540 295.566 295.669 295.555 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.745 295.74
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifyibg, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for, B. De Nise. Water strip, E. E. Gillett	295,780 295,587 295,861 295,861 295,861 295,540 295,546 295,566 295,565 295,669 295,565 295,640 295,540 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,64
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, titting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifying, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for, B. De Nise. Waten strip, E.E. Gillett. Well boring and drilling machine, F. Dearmin.	295,780 295,587 295,861 295,861 295,861 295,540 295,546 295,566 295,565 295,669 295,565 295,640 295,540 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,640 295,64
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, D. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water closet valve, M. A. Tobey. Water, purifying, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for, B. De Nise. Waterproofing composition, A. Mink. Weather strip, E. E. Gillett Well boring and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel.	295.780 295.581 295.885 295.885 295.895 295.540 295.566 295.669 295.555 295.651 295.565 295.640 295.740 295.745 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635 295.635
	Maffrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey Vapor jurner safety attachment, R. S. Kelsey Vapor jurner safety attachment, R. S. Kelsey Vapor burner safety attachment, R. S. Kelsey Vapor burner safety attachment, R. S. Kelsey Vapor burner safety attachment, R. S. Kelsey Vapor jurney barden Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, puritying, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for, B. De Nise. Waterproofing and preserving buildings, compound for, B. De Nise. Water strip, E. E. Gillett Well boring and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel.' Whiffletree, J. Graves.	295,780 295,587 295,885 295,885 295,885 295,540 295,548 295,566 295,567 295,567 295,567 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,74
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake, J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifying, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for, B. De Nise. Waterproofing and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel. Whiffletree, J. Graves Whiffletree, J. Graves	295,780 295,587 295,861 295,862 295,862 295,540 295,546 295,566 295,565 295,669 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,740 295,74
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifyibg, W. Tweeddale. Water wheel, turbine, I. Sberck. Waterproofing and preserving buildings, compound for, B. De Nise. Waterproofing and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel. Whiffletree, J. Graves. Whiffletree coupling, O. Vanorman.	295.780 295.581 295.885 295.885 295.895 295.540 295.566 295.669 295.555 295.745 295.745 295.745 295.895 295.745 295.895 295.745 295.895 295.745 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.895 295.89
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell Vessel, tilting, W. Zimmer. Wagon, spring board, J. C. F. Harris Warping machine, G. S. Follansbee Water closet valve, H. A. Tobey. Water, purifyibg, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for. B. De Nise. Waterproofing composition, A. Mink. Weather strip, E. E. Gillett Well boring and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel. Whiffletree, J. Graves. Whiffletree, H. Rorebeck. Whiffletree coupling, O. Vanorman. Window, safety, F. O. Thiem.	295.780 295.861 295.865 295.845 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.855 295.85
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, J. F. Harly Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer Wagon, dumping, W. & J. H. Leonhardt Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifying, W. Tweeddale. Water wheel, turbine, I. Sherck Waterproofing composition, A. Mink. Weather strip, E. E. Gillett Well boring and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel.' Whiffletree, J. Graves. Whiffletree, J. Graves. Whiffletree, O. Thiem Wire barbing machine, G. C. Baker	295,780 295,581 295,861 295,861 295,548 295,566 295,569 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,565 295,56
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Triuk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifying, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for. B. De Nise. Waterproofing composition, A. Mink. Weather strip, E. E. Gillett Well boring and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel.' Whiffletree, J. Graves Whiffletree, J. Graves Whiffletree, H. Rorebeck. Whiffletree coupling, O. Vanorman. Wire barbing machine, G. C. Baker Wooden tubing, smoothing the inner surface of.	295,780 295,587 295,885 295,885 295,885 295,886 295,540 295,548 295,566 295,565 295,740 295,754 295,754 295,754 295,695 295,695 295,695 295,695 295,595 295,695 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595
	Mafrand Tollet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward. Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Trunk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vapor laing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt. Wagon, spring board, J. C. F. Harris. Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifyibg, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for, B. De Nise. Waterproofing and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel. Whiffletree, J. Graves. Whiffletree, J. Graves. Whiffletree coupling, O. Vanorman. Window, safety, F. O. Thiem. Wire barbing maothine, G. C. Baker. Wooden tubing, smoothing the inner surface of M. F. Wilcox.	295,780 295,587 295,885 295,885 295,885 295,886 295,540 295,548 295,566 295,565 295,740 295,754 295,754 295,754 295,695 295,695 295,695 295,695 295,595 295,695 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595
	Maffrand Toilet bracket, C. Lindner. Tongs, pipe, H. S. Pullman. Toy, J. A. Ward Trap. See Animal trap. Rattrap. Steam trap. Tricycle, O. E. Dutrow. Triuk, F. H. Ransom. Tuyere, F. W. Gordon. Tuyere, J. F. Harly. Umbrellas and cases, hand protecting attachment for, E. Ross. Valve, steam actuated, D. F. Nisbet. Valves, apparatus for testing safety, G. W. Richardson. Vapor burner safety attachment, R. S. Kelsey. Vaporizing hydrocarbon oils, process of and apparatus for, H. F. Hayden. Vehicle brake. J. T. Dillehay. Vehicle seat, G. B. Haskell. Vessel, tilting, W. Zimmer. Wagon, dumping, W. & J. H. Leonhardt Warping machine, G. S. Follansbee. Water closet valve, H. A. Tobey. Water, purifying, W. Tweeddale. Water wheel, turbine, I. Sherck. Waterproofing and preserving buildings, compound for. B. De Nise. Waterproofing composition, A. Mink. Weather strip, E. E. Gillett Well boring and drilling machine, F. Dearmin. Wheel. See Car wheel. Water wheel.' Whiffletree, J. Graves Whiffletree, J. Graves Whiffletree, H. Rorebeck. Whiffletree coupling, O. Vanorman. Wire barbing machine, G. C. Baker Wooden tubing, smoothing the inner surface of.	295,780 295,587 295,885 295,885 295,885 295,886 295,540 295,548 295,566 295,565 295,740 295,754 295,754 295,754 295,695 295,695 295,695 295,695 295,595 295,695 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595 295,595
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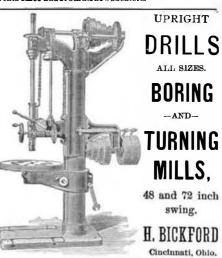
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