Water is only slightly compressible under high pres

- (11) F. E. DeC. asks: 1. What can be used to repolish a piano? A. Dissolve 4 oz. orange shell in one quart of 95 per cent alcohol; to this add one quart of linseed oil and one pint turpentine; when mixed add 4 oz. of sulphuric ether and 4 oz of aqua ammonia; mix thoroughly and well before using. Apply with a cloth or sponge, and rub the surface to which it is applied until the polish appears. Such jobs require no little skill, as well as a good deal of hard work. Most amateurs will stop work where a good polisher really only commences. 2. Is there anything that will bring back the color of marble, which has been stained with vinegar? A. If the marble is white, coat it with gum arabicand expose it to the sun. When it peels off wash with water, or make a paste with fuller's earth and hot water, cover the spots therewith let it dry on, and next day scour it off with soft so The luster can be restored by rubbing with a cloth
- (12) E. C. R. asks: The best week to mix plumbagel so as to produce a bright and lasting polish on stoves and not cause disagreeable odor. A. The common liquid stove polish consists of black lead 1 ib., water 4 oz., turpentine 4 oz., and sugar 1 oz. Mix thoroughly. It is not very lasting, nor has it a very agreeable odor, but it is about as good as any thing yet found for the purpose.
- (13) J. H. R. desires a recipe for a blood purifier, one that will cure acne and eruptions breaking out on the face. A. Take 2 parts of sulphur and 1 part of cream tartar and mix it with sufficient molasses to allow it to flow, i. e., it must not be made too stiff. Take one tablespoonful daily.
- (14) G G. B. asks how to make a good mucilage, without using gum arabic. A. Take gum dextrine 2 parts; water 5 parts; acetic acid 1 part; dis solve by aid of heat and 1 part of alcohol.
- (15) W. F. B. asks the formula for making a cement that the brass sign makers use for filling the letters on brass signs. A. Mix asphaltum, brown japan, and lamp black into a putty like mass and then fill in the spaces, and finally clean the edges
- (16) J. B. J. desires a formula for making glue used on edges of writing paper tablets to hold sheets together. A. Use either (1) white glue, refined glycerine, acetic acid, and coloring material; (2) common glue with 5 per cent glycerine; or (3) 1/4 oz. crude gutta percha dissolved in carbon disulphide to the consistence of mucilag. The materials used in making this glue or cement are of a low grade commercially, so that some experiment is necessary to make
- (17) G. H. J. asks if there is any substance that will remove printer's ink from paper, without disfiguring the paper. A. Place a thick pad of white blotting paper beneath the sheet of paper which is soiled. The apply sulphuric ether with cotton wool, gently rubbing. Finally apply white blotting paper to absorb the color. Continue the application of fresh ether and repeat until all stains disappear. Do this away from a light.
- (18) J. A. P. writes: In printing with ordinary gold size and bronze powder, upon soft leather, the print after several weeks becomes discolored and broken up, apparently by reason of the size sinking into the leather. Can you give a formula for a size which can be used on a printing press, and will dry on the surface of the leather without penetrating it? Or can you suggest a transparent flexible varnish that I can put on the leather before printing, something that is absolutely proof against the gold size, and will remain so. A. An "olive size" is made which may anewer your purpose. When our printers have work of this kind to do they use ordinary gold size, but always give it two impressions. That is print the job in size and let it lie overnight and dry. In the morning run it through the press again. The leather will absorb the first printing, but the second will remain on the surface A little of the white of egg mixed with the size, in the second printing, will make it dry very rapidly.
- (19) J. C.—The plant is the English plantain or rib grass (Plantago lancedlata). It is a common and widely distributed weed. It has no value except as a pasture for cattle, and not much value for
- (20) F. V. B.—Your fluid extracts are spoiled, and there is no remedy in the case. The cause of the change you mention is not known. Write to the manufacturer, who, for the sake of his reputation, would doubtless substitute fresh extracts for the spoiled ones.
- (21) H. S.—The plant is the common mallow (Malva sylvestris). The leaves and flowers are chiefly used in fomentations, cataplasms and emoliant enemata. Its properties are demulcent.
- R. E. asks concerning/the process for the manufacture of yellow other into paint, also for preparing kaolin or china clay for the trade. such as whitening, calcimining, adulterant, etc., for which it is largely used. A. Ocher is dried by heat, ground into powder and made into paint by mixing with oil. The process is similar for the other materials mentioned.
- (23) J. D. asks: What are the ingredients composed of for making metallic paints, such as full of water. If alternately dry and wet, it might imare used by card writers, to write on an enameled surface? How to grade, to make them hard or soft? A They are made in varying proportions of tip, lead, bismuth, and antimony, those that are the hardest are of lead melted with some antimony and a little quick-
- (24) W. P. K. asks: What should be mixed with ordinary printer's ink to make it suitable for printing etchings? A. Etcher's ink is similar to printer's, but more carefully ground. It consists essentially of linseed oil, varnish and lampblack. You can buy it much more cheaply and probably of better quality than you can make it yourself.

- (25) M. G. H. asks: How mirrors or looking glasses are made, and what the materials are, and how prepared? A. A large, perfectly flat stone table is provided, upon which is evenly spread a sheet of tin-foil, without a crack or flaw. This is covered uniformly to the depth of 16 inch with clean mercury. The plate of glass, perfectly cleansed from all grease and impurity, is floated on to the mercury carefully, so as to exclude all air bubbles. It is then pressed down by loading it with weights, in order to squeeze out all mercury which remains fluid. After about 24 hours it is raised gently on its edges, and in a few weeks it is ready to frame
- (26) S. L. M. asks: 1. Directions for soldering brass articles, by means of ordinary solder for soldering brass to iron. A. For soldering process and tools, see a valuable treatise in SCIENTIFIC AMERICAN SUPPLEMENT, No. 20, 2. Also for making mastic varnish from gum mastic. A. Dissolve the gum mastic in turpentine enough to make it of the proper consistency.
- (27) H. A. M. writes: A distinguished clergyman says : "Astronomers have swept their telescopes through the sky, and have found out that there have been thirteen worlds, in the last two centuries, that have disappeared. At first they looked just like other worlds. Then they got deeply red-they were on fire. Then they got ashen, showing they were burned down. Then they disappeared, showing that even the ashes were scattered. And if the geologist be right in his prophecy, then our world is to go in the same way.' Does not science teach us that the earth was once a molten mass, and that it has, for countless ages beer losing its heat, and is at the present time still in the cooling process? A. We believe that the clergyman referred to does not profess to be a scientist, but is ever ready to catch at a theory that may be made an element of destruction to sinners. Your question gives the idea most commonly entertained, but even at this time a collision of the earth with some wandering star from beyond our system would produce an outburst of heat and light similar to the star outbursts that have been observed
- (28) W. H. S. asks: 1. Does choke boring a shot gun improve penetration? A. No; it prevents too much scattering by drawing the charge to gether at the instant of leaving the gun. 2. Is the mouth of the Mississippi River farther from the center of the earth than the source? A. Yes. 3. Would the Mississippi run toward the north or south if the earth stopped revolving on its axis? A. It would run north, 4. How can I mark steel tools? A. Coat thinly with beeswax, in which make the desired marking down to the tool, and then use nitric acid 1 part and water 4 parts, to bite out the exposed surface of the steel while the wax protects the surrounding portion from the action of the acid.
- (29) J. A. S. asks: 1. What is the best substance to keep gun barrels from rusting? A. You can keep gun barrels from rusting only by care in keeping dry and oiling with linseed oil. 2. Can gravel walks be practically treated so that they will not grow weeds? A. Asphalt, cold tar, and cement are good materials to mix with sand to make a layer that will not only keep the weeds out, but make a smooth and hard walk. Gravel walks generally have some soil intermixed, which, with the fining of the gravel by use, affords a foothold for the growth of weeds. 3. What is a good cure for colds? A. See Scientific American SUPPLEMENT, No. 75, How to Cure a Bad Cold and Sore Throat. Also a valuable paper on Catching Cold, Sci-ENTIFIC AMERICAN SUPPLEMENT, No. 297. Also Quick Cure for a Cold in the Head, Scientific American SUPPLEMENT, Nos. 25 and 228.
- (30) J. C. R. desires a formula for making red or strawberry coloring from carmine (or with out aniline) for coloring bottled soda pop. A. Boil some Brazil wood in water and then add a small quantity of it. You can make it very dark originally and then dilute until you get the proper shade.
- (31) G. J. H. writes: A discussion relative to conductors of electricity has resulted in a wager to the effect that, a stream of water propelled from brass nozzle and coming in contact with an electric light wire, in an exposed part through which the elec tric current is running, results in the death of the per son handling the nozzle, by the transmission of the shock through the stream of water, provided the cur rent is severe enough. Will you kindly decide in the next issue of your valuable paper the above? A. The conductivity of water is so poor it is doubtful if a dangerousshock could be received under the conditions
- (32) O. F. M. writes: We want to build a tank of 3 inch pine plank to hold a wash of oil vitrio shout one-fifth vitriol, four-fifths water, for wool wash We usually put these tanks together with three-quarter inch iron bolts, down through the wood, but find the acid will soon penetrate the wood and destroy the iron holts. Is there any metal strong enough to hold the tank together that the vitriol will not affect, that is prac tical to use, and where can it be obtained? A. Copper is very slowly attacked by sulphuricacid. You might inclose the iron bolts in pieces of lead pipe. The lead would resist the acid indefinitely.
- (33) J. M. asks: Would a copper lined nder used in a common well pump do the water any arm for drinking? A. Probably not if it was ken
- (34) A. B. J. asks how to remove book binder's varnish from leather, after it has been on three or four years. A. Try alcohol. It will dissolve the varnish. 2. How to treat egg glair to prevent it smelling. A. Use oil of cloves or some strong antiseptic with it.
- (35) G. A. H. asks: 1. Will you kindly give a cheap and effective process for bleaching coral? A. First wash well in very dilute hydrochloric acid in the proportion of one part of acid to thirty of water, then rinse well in water, then immerse in a dilute solu-

- method of nickel plating wire and tin? A. See "Recipe for Nickelizing without Electricity," in Scientific AMERICAN SUPPLEMENT, No. 191.
- (36) F. M. J. asks: By what process are horns, such as are used for knife handles, combs, etc., bleached and rendered transparent? A. Care is gener ally taken to select good white horns, but they can be ached by exposing to the fumes of burning sulphur, largely diluted with air.
- (37) J. F. L. desires a simple process for making koumiss. A. Dissolve 4 ounces white sugar, in 1 gallon of skimmed milk and place in bottles of the capacity of 1 gallon, add 2 ounces of baker's yeast, or a cake of compressed yeast, to each bottle; cork and tie securely, then set in a warm place until fermentation is well under way, and lay the bottles on their sides in a cool cellar. In three days fermentation will have progressed sufficiently to permit the koumiss to be in good condition.
- (38) G. W. W. asks how they mix rouge to make it into what is called hard rouge, also what the different articles are and how mixed? A. Take of oxalic acid 1 part, iron peroxide 15 parts, powdered rotten stone 20 parts, palm oil 60 parts, petrolatum 4 parts. Pulverize the oxalic acid, and add the iron and rotten stone, mixing thoroughly, and sift to remove all grit. then add gradually the palm oil and petrolatum, incorporating thoroughly.
- (39) F. B. P. asks if there is any remedy that will remove warts. A. Take a small piece of potash, and let it stand in the open air until it slakes, then thicken it to a paste with pulverized gum arabic which prevents it from spreading where it is not wanted. Apply to the wart until it disappears. Some cases, however, are very obstinate, the warts seeming to come constantly for a period, and then suddenly diappear-
- (40) H. N. H.-For making printers' rollers, see answer to query. No. 33, in Scientific American for March 24, 1888.
- (41) J. H. asks: What was Queen Victoria's maiden name? A. Guelph,
- (42) J. H. C. writes: I wish to run two incandescent Edison lamps. Will you kindly tell me the simplest and cheapest means by which I may attain that end? A. A dynamo driven by steam or other power is the most economical method of obtaining a lighting current.

TO INVENTORS.

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Coin spinner, F. M. Barber Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlay Coop or crate, folding, T. J. & O. Q. Stille Cornices, constructing, H. Bertling Cornet, P. A. Baratet Cotton. machine for opening, cleaning, and ginning seed, J. R. Montagne Covering, W. M. Suhr Coupling. See Car coupling. Cultivator, cotton, McCall & Napier Cultivator, hillside, E. C. Wiley Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Dashboard, B. F. Thomas Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake Distilling apparatus, water, P. B. Charboneau Ditcher and grader, J. M. Holland Door check, F. J. Herrick Door check, A. Johnson	983,831 383 512 383,506 383,506 383,506 383,518 383,813 383,612 383,612 383,612 383,612 383,754 383,754 383,743 383,743 383,601 383,743 383,601
Coin spinner, F. M. Barber. Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlay. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator. C. E. Patric. Cultivator, cotton, McCall & Napier. Cultivator, hillside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Vegetable and root cutter. Dashboard, B. F. Thomas. Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake. Distilling apparatus, water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, F. J. Herrick. Door check, F. J. Herrick. Door check, A. Johnson. Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld.	983,831 383,512 383,606 383,506 383,792 383,612 383,612 383,612 383,541 383,744 383,601 383,541 383,744 383,807
Coin spinner, F. M. Barber. Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlay. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator, cotton, McCall & Napier. Cultivator, cition, McCall & Napier. Cultivator, hillside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Dashboard, B. F. Thomas. Die. See Pipe threading die. Distilling apparatus, water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, F. J. Herrick. Door check, A. Johnson. Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld. Dress form, W. H. Knapp. Dress form, E. M. McPherson.	983,831 383,512 383,512 383,606 383,556 383,518 383,612 383,612 383,612 383,612 383,612 383,601 383,744 383,601 383,560 383,704 383,601 383,574 383,800 383,574 383,800 383,704 383,601 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800 383,574 383,800
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Coin spinner, F. M. Barber. Collection box, F. A. Kittell Confectionary box, F. A. Kittell Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop Cooler for soda water apparatus, etc., A. K. Finlay. Coop or crate, folding, T. J. & O. Q. Stille Cornices, constructing, H. Bertling Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator. C. E. Patric. Cultivator, cotton, McCall & Napier Cultivator, hillside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Vegetable or root cutter. Dashboard, B. F. Thomas Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake Distilling apparatus, water, P. B. Charboneau Dicher and grader, J. M. Holland Door check, F. J. Herrick. Door check, A. Johnson Door securer, G. G. Getty Draught attachment for wagons, J. G. Unsoeld. Dress form, E. M. McPherson Dust arrester and collector, R. L. Downton Dynamos, apparatus for connecting alternate current, P. Lange Dynamos, bobbin for the field magnets of, A.	983,831 383 512 383,506 383,506 383,556 383,792 383,612 383,612 383,612 383,613 383,614 383,754 383,754 383,754 383,744 383,807 383,569 383,754 383,807 383,784 383,808 383,784 383,809 383,784 383,809 383,784 383,809 383,784 383,809 383,784 383,809 383,784 383,809 383,784 383,809 383,784
Coin spinner, F. M. Barber. Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlay. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Cornet, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator, cetton, McCall & Napier. Cultivator, thillide, E. C. Wiley. Cutter. See Feed cutter. Wegetable or root cutter. Dashboard, B. F. Thomas. Die. See Plpe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake. Distilling apparatus, water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, A. Johnson Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld. Dress form, W. H. Knapp. Dreas form, E. M. McPherson. Dust arrester and collector, R. L. Downton. Dypamos, apparatus for connecting alternate current, P. Lange.	983,831 383,512 383,506 383,506 383,506 383,518 383,813 383,612 383,612 383,612 383,612 383,612 383,612 383,612 383,754 383,754 383,704 383,704 383,574 383,704 383,574 383,704 383,704 383,704 383,574 383,704 383,601 383,603
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Coin spinner, F. M. Barber. Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop Cooler for soda water apparatus, etc., A. K. Finlay Coop or crate, folding, T. J. & O. Q. Stille Cornices, constructing, H. Bertling Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr Coupling. See Car coupling. Cultivator. c. E. Patric. Cultivator, hillside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Vegetable or root cutter. Dashboard, B. F. Thomas Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake Distilling apparatus, water, P. B. Charboneau Ditcher and grader, J. M. Holland Door check, F. J. Herrick Door securer, G. G. Getty Draught attachment for wagons, J. G. Unsoeld Dress form, W. H. Knapp Dress form, E. M. McPherson Dust arrester and collector, R. L. Downton Dynamos, apparatus for connecting alternate current, P. Lange Dynamos, synchronizing device for alternate current, H. M. Byllesby Eccentric rod, P. Kirkevang. Egg beater, D. Reters Electric battery, E. A. Wildt	983,831 383,512 383,506 383,506 383,506 383,792 383,518 383,612 383,612 383,612 383,541 383,549 383,541 383,744 383,607 383,569 383,704 383,569 383,704 383,569 383,704 383,569 383,704 383,569 383,704 383,569 383,704 383,565
Coin spinner, F. M. Barber Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard Cooking and can filling apparatus, combined, J. J. Bishop Cooler for soda water apparatus, etc., A. K. Finlay Coop or crate, folding, T. J. & O. Q. Stille Cornices, constructing, H. Bertling Cornet, P. A. Baratet Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague Covering, W. M. Suhr Coupling. See Car coupling. Cultivator. C. E. Patric Cultivator, cotton, McCall & Napier Cultivator, hillside, E. C. Wiley Cutter. See Feed cutter. Wegetable or root cutter. Dashboard, B. F. Thomas Die. See Pipe threading die. Digger. See Potato digger. Distilling apparatus, water, P. B. Charboneau Ditcher and grader, J. M. Holland Door check, F. J. Herrick Door check, A. Johnson Door securer, G. G. Getty Draught attachment for wagons, J. G. Unsoeld Dress form, E. M. McPherson Dust arrester and collector, R. L. Downton Dynamos, apparatus for connecting alternate current, P. Lange Dynamos, synchronizing device for alternate current, H. M. Byllesby Eccentric ord, P. Kirkevang Egg beater, D. Reters Electric circuit indicator, O. B. Shallenberger Electric circuit testing apparatus, A. D. Wheeler.	983,831 383,512 383,506 383,506 383,506 383,518 383,612 383,612 383,612 383,612 383,612 383,612 383,612 383,743 383,743 383,743 383,704 383,807 383,807 383,807 383,601 383,601 383,601 383,601 383,601 383,605 383,606
Coin spinner, F. M. Barber Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlsy Coop or crate, folding, T. J. & O. Q. Stille Cornices, constructing, H. Bertling Cornet, P. A. Baratet Cotton. machine for opening, cleaning, and ginning seed, J. R. Montagne Covering, W. M. Suhr Coupling. See Car coupling. Cultivator. C. E. Patric Cultivator, cotton, McCall & Napier Cultivator, hillside, E. C. Wiley Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Wegetable or root cutter. Dashboard, B. F. Thomas Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake Distilling apparatus, water, P. B. Charboneau Ditcher and grader, J. M. Holland Door check, F. J. Herrick Door check, A. Johnson Door securer, G. G. Getty Draught attachment for wagons, J. G. Unsoeld Dress form, E. M. McPherson Dust arrester and collector, R. L. Downton Dynamos, apparatus for connecting alternate current, P. Lange. Dynamos, spochronizing device for alternate current, H. M. Byllesby Egg beater, D. Peters. Electric circuit indicator, O. B. Shallenberger Electric circuit testing apparatus, A. D. Wheeler. Electric circuit testing apparatus, A. D. Wheeler. Electric currents, electrical indicator for alternate connections in, O. B. Shallenberger Electric currents, electrical indicator for alternate current currents, electric indicator, and the process of the connections of the connection of the connections of th	983,831 383,512 383,506 383,506 383,506 383,792 383,518 383,612 383,612 383,612 383,612 383,612 383,612 383,612 383,612 383,612 383,704 383,704 383,704 383,704 383,704 383,704 383,606
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Coin spinner, F. M. Barber. Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlsy. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montagne. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator. C. E. Patrie. Cultivator, cotton, McCall & Napier. Cultivator, hillside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Vegetable or root cutter. Dashboard, B. F. Thomas. Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake. Distilling apparatus, water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, F. J. Herrick. Door check, A. Johnson Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld. Dress form, W. H. Knapp. Dress form, W. H. Knapp. Dress form, W. M. Knapp. Dress form, S. M. McPherson. Dust arrester and collector, R. L. Downton. Dynamos, apparatus for connecting alternate current, P. Lange. Dynamos, spohronizing device for alternate current, P. Lange. Bynamos, synchronizing device for alternate current, H. M. Byllesby. Eccentric rod, P. Kirkevang. Egg beater, D. Beters. Electric circuit indicator, O. B. Shallenberger. Electric currents, electrical indicator for alternating, O. B. Shallenberger. Electric current generators, coupling of alternate, O. B. Shallenberger. Electric currents, indicating, O. B. Shallenberger.	\$83,831 \$83,512 \$83,506 \$83,506 \$83,506 \$83,792 \$83,518 \$83,518 \$83,518 \$83,519 \$83,519 \$83,519 \$83,510 \$83,500 \$83,704 \$83,500 \$83,704 \$83,500 \$83,704 \$83,500 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600 \$83,600
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Coin spinner, F. M. Barber. Collection box, F. A. Kittell Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlay. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator. C. E. Patrie. Cultivator, cotton, McCall & Napier. Cultivator, hiliside, E. C. Wiley. Cutter. See Feed cutter. Wegetable or root cutter. Deshboard, B. F. Thomas. Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake. Distilling apparatus, water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, F. J. Herrick. Door check, A. Johnson. Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld. Dress form, E. M. McPherson. Dust arrester and collector, R. L. Downton. Dynamos, apparatus for connecting alternate current, P. Lange. Dynamos, bobbin for the field magnets of, A. Schmid. Dynamos, synchronizing device for alternate current, H. M. Byllesby. Eccentric rod, P. Kirkevang. Egg beater, D. Beters. Electric circuit testing apparatus, A. D. Wheeler. Electric circuit singer. Electric current generators, coupling of alternate, O. B. Shallenberger. Electric currents, indicating, O. B. Shallenberger. Electric machines, current collector for, W. Stan-	883,881,383,512,388,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,566,383,586,383,586,383,586,383,586,383,586,383,586,383,586,383,586,383,586,383,586,383,586,383,586,383,58
Coil spinner, F. M. Barber. Collection box, F. A. Kittell Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlsy. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montagne. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator, cotton, McCall & Napier. Cultivator, cotton, McCall & Napier. Cultivator, hillside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Vegetable or root cutter. Dashboard, B. F. Thomas. Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake. Distilling apparatus, water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, F. J. Herrick. Door check, A. Johnson. Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld. Dress form, E. M. McPherson. Dust arrester and collector, R. L. Downton. Dynamos, apparatus for connecting alternate current, P. Lange. Dynamos, apparatus for connecting alternate current, P. Lange. Dynamos, spochronizing device for alternate current, H. M. Byllesby. Eccentric rod, P. Kirkevaag. Egg beater, D. Peters. Electric circuit testing apparatus, A. D. Wheeler. Electric circuit, apparatus for detecting ground connections in, O. B. Shallenberger. Electric currents, ledetrical indicator for alternate, O. B. Shallenberger. Electric currents, indicating, O. B. Shallenberger. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric methres, current collector for, W. Stanley, Jr. Electric methres, current collector for, W. Stanley, Jr. Electric machines, current collector for, W. Stanley, Jr. Electric meter, G. Westinghouse, Jr.	883,881,883,883,512,883,506,883,506,883,518,883,518,883,518,883,518,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,883,519,88
Coin spinner, F. M. Barber. Collection box, F. A. Kittell Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlay. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator, c. E. Patric. Cultivator, cotton, McCall & Napier. Cultivator, hillside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable or root cutter. Dashboard, B. F. Thomas. Die. See Pipe threading die. Digger. See Potato digger. Distilling apparatus water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, F. J. Herrick. Door check, A. Johnson. Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld. Dress form, E. M. McPherson. Dust arrester and collector, R. L. Downton. Dynamos, apparatus for connecting alternate current, P. Lange. Dynamos, sportonizing device for alternate current, P. Lange. Dynamos, apparatus for detecting ground connections in, O. B. Shallenberger. Electric circuit testing apparatus, A. D. Wheeler. Electric circuit testing apparatus for detecting ground connections in, O. B. Shallenberger. Electric circuit testing apparatus, A. D. Wheeler. Electric circuit testing apparatus, A. D. Wheeler. Electric circuit testing apparatus, C. B. Shallenberger. Electric currents, indicating, O. B. Shallenberger. Electric meter, G. Westinghouse, Jr., & Lange. Electric meter, Westinghouse, Jr., & Lange.	\$83,831 \$83,512 \$883,506 \$883,506 \$883,506 \$883,518 \$883,518 \$883,518 \$883,518 \$883,518 \$883,518 \$883,519 \$883,519 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511 \$883,511
Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlsy Coop or crate, folding, T. J. & O. Q. Stille Cornices, constructing, H. Bertling Corsices, constructing, H. Bertling Corset, P. A. Baratet Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague Covering, W. M. Suhr Coupling. See Car coupling. Cultivator, cotton, McCall & Napier Cultivator, cotton, McCall & Napier Cultivator, hillside, E. C. Wiley Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Vegetable or root cutter. Dashboard, B. F. Thomas Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake Distilling apparatus, water, P. B. Charboneau Ditcher and grader, J. M. Holland Door check, F. J. Herrick Door check, A. Johnson Door check, A. Johnson Door securer, G. G. Getty Draught attachment for wagons, J. G. Unsoeld Dress form, E. M. McPherson Dust arrester and collector, R. L. Downton Dynamos, apparatus for connecting alternate current, P. Lange Dynamos, bobbin for the field magnets of, A. Schmid Dynamos, synchronizing device for alternate current, H. M. Byllesby Eccentric rod, P. Kirkevaag. Egg beater, D. Reters Electric circuit indicator, O. B. Shallenberger Electric circuit testing apparatus, A. D. Wheèler. Electric circuit testing apparatus, A. D. Wheèler. Electric currents, indicating, O. B. Shallenberger Electric current generators, coupling of alternate, O. B. Shallenberger Electric currents, indicating, O. B. Shallenberger Electric currents, production, transmission, and distribution of, C. E. Fritts Electric current generators, coupling of alternate, O. B. Shallenberger Electric currents, indicating, O. B. Shallenberger Electric meter, G. Westinghouse, Jr., & Lange Electric meter, Westinghouse, Jr., & Lange Electric motors, governor for, R. H. M	883,881,883,883,506 383,506 383,506 383,518 383,518 383,612 383,612 383,612 383,613 383,614 383,744 383,744 383,704 383,704 383,704 383,704 383,704 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606 383,606
Coin spinner, F. M. Barber. Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlay. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator, cotton, McCall & Napier. Cultivator, hillside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Vegetable or root cutter. Dashboard, B. F. Thomas. Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake. Distilling apparatus, water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, A. Johnson. Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld. Dress form, E. M. McPherson. Dust arrester and collector, R. L. Downton. Dynamos, apparatus for connecting alternate current, P. Lange. Dynamos, apparatus for connecting alternate current, H. M. Byllesby. Eccentric rod, P. Kirkevaag. Egg beater, D. Reters. Electric circuit testing apparatus, A. D. Wheeler. Electric currents, ledectrical indicator for alternating, O. B. Shallenberger. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric meter, G. Westinghouse, Jr., & Lange. Electric meter, G. Westinghouse, Jr., & Lange. Electric meter, G. Westinghouse, Jr., & Lange. Electric and instribution, alternate	883,881,383,512,383,506 383,506 383,506 383,792 383,518 383,612 383,612 383,612 383,613 383,611 383,743 383,6101 383,540 383,704 383,540 383,704 383,540 383,704 383,540 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666
Coin spinner, F. M. Barber. Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop. Cooler for soda water apparatus, etc., A. K. Finlay. Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling. Corset, P. A. Baratet. Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague. Covering, W. M. Suhr. Coupling. See Car coupling. Cultivator, c. E. Patric. Cultivator, cotton, McCall & Napier. Cultivator, hiliside, E. C. Wiley. Cutter. See Feed cutter. Meat cutter. Vegetable or root cutter. Dashboard, B. F. Thomas. Die. See Pipe threading die. Digger. See Potato digger. Distilling apparatus, water, P. B. Charboneau. Ditcher and grader, J. M. Holland. Door check, F. J. Herrick. Door check, A. Johnson Door securer, G. G. Getty. Draught attachment for wagons, J. G. Unsoeld. Dress form, E. M. McPherson. Dust arrester and collector, R. L. Downton. Dynamos, apparatus for connecting alternate current, P. Lange. Dynamos, bobbin for the field magnets of, A. Schmid. Dynamos, synchronizing device for alternate current, H. M. Byllesby. Eccentric order, P. Kirkevang. Egg beater, D. Reters. Electric circuit testing apparatus, A. D. Wheeler. Electric circuit testing apparatus, A. D. Wheeler. Electric circuit testing apparatus, C. B. Shallenberger. Electric circuit testing apparatus, A. D. Wheeler. Electric currents, electrical indicator or alternating, O. B. Shallenberger. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric currents, indicating, O. B. Shallenberger. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric currents, production, transmission, and distribution of, C. B. Shallenberger. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric matering, O. B. Shallenberger. Electric meter, Westinghouse, Jr., & Lange. Electric meter, G. Westinghouse, Jr. Electric meter, G. Westinghouse, Jr. Electr	883,881,383,512,383,506 383,506 383,506 383,792 383,518 383,612 383,612 383,612 383,613 383,611 383,743 383,6101 383,540 383,704 383,540 383,704 383,540 383,704 383,540 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666 383,666
Coin spinner, F. M. Barber Collection box, F. A. Kittell Confectionary box, W. J. White Conveyer, A. H. Brainard. Cooking and can filling apparatus, combined, J. J. Bishop Cooler for soda water apparatus, etc., A. K. Finlsy Coop or crate, folding, T. J. & O. Q. Stille. Cornices, constructing, H. Bertling Cornices, constructing, H. Bertling Corset, P. A. Baratet Cotton. machine for opening, cleaning, and ginning seed, J. R. Montague Covering, W. M. Suhr Coupling. See Car coupling. Cultivator, cotton, McCall & Napier Cultivator, hillside, E. C. Wiley Cultivator, hillside, E. C. Wiley Cutter. See Feed cutter. Meat cutter. Vegetable and root cutter. Vegetable or root cutter. Dashboard, B. F. Thomas Die. See Pipe threading die. Digger. See Potato digger. Disinfectant, Dupre & Hake Distilling apparatus, water, P. B. Charboneau Ditcher and grader, J. M. Holland Door check, F. J. Herrick Door check, F. J. Herrick Door check, A. Johnson Door securer, G. G. Getty Draught attachment for wagons, J. G. Unsoeld Dress form, E. M. McPherson Dust arrester and collector, R. L. Downton Dynamos, apparatus for connecting alternate current, P. Lange Dynamos, bobbin for the field magnets of, A. Schmid Dynamos, synchronizing device for alternate current, H. M. Byllesby Eccentric rod, P. Kirkevang Egg beater, D. Beters Electric circuit testing apparatus, A. D. Wheeler. Electric circuit testing apparatus, A. D. Wheeler. Electric circuit testing apparatus for detecting ground connections in, O. B. Shallenberger Electric currents, encertain indicator for alternating, O. B. Shallenberger Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric currents, production, transmission, and distribution of, C. E. Fritts. Electric meter, Westinghouse, Jr., & Lange Electric meter, G. Westinghouse, Jr., & Lange Electric meter, G. Westinghouse, Jr. Elec	883,881,383,512,383,506 383,506 383,754 383,519 383,519 383,511 383,519 383,510 383,510 383,510 383,510 383,510 383,510 383,511 383,510 383,611 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616

Scientific American.

Ellevator, E. B. Ellington	383,697	Mower, lawn, J. V. Rowlett	Tag holder, E. F. Goodwin
Embalming apparatus, F. Wagner Embroidering frame and stand, H. C. Ludwig Engine. See Carding engine. Chemical engine.		Mowing machine, Kennedy & Strunk	Tea, coffee, milk, etc., receptable and heater for, C. W. Hellenbrand
Gas engine. Rotary engine. Steam engine. Envelope fastening, W. H. Hubbard		Nailing machine, L. Goddu	Telephone call bell system, F. F. Fisher
Eraser, J. W. Osborne Eye bars, blank for, W. R. Webster Eye bars, spreading the ends of, W. R. Webster	3 83,509	None bag support for vehicles, J. Murray 883,822 Nut lock, J. P. Ball 383,685 Nut lock, W. B. Hohenshell 388,810	Thermometer, A. Bayer. \$83.891 Ticket holder, D. F. Crofut. \$88,781 Tile machine, Puchta & Hoffmann \$84,991
Eyeglasses. W. S. Wells	3 83,493 '	Oil, harness, A. S. Ashcraft	Tobacco barns, drying attachment for, J. M. Snidow
Feeder, automatic shelf, W. M. Jewell (r) Fence machine, Vandegrift & Maple	10,333	Pad. See Saddle pad. Pan, E. W. Mesereau \$83,652	Tooth, artificial, J. B. Parker 383,760 Toy, C. M. Crandall 383,442
Fence, portable, M. C. Margeson	383,804	Paneling machine, J. A. Dann	Trace eye protector, S. M. Hartman 382,526 Traction wheel, A. B. Case 383,625 Transplanting implement, T. R. Coon 383,629
Firearm, revolving, H. M. CaldwellFire escape, Bernstein & Goldstein	383,701 383,432	Paper board machine, J. M. McCausland 383,744 Paper box, B. Osborn 883,637	Trap. See Animal trap. Insect trap. Tree protector, Newell & Brown
Fire escape, W. Block	383, 570	Paper cutting machine, C. Beck	Truck, car, J. C. Barber
Fish plate, S. Phillips		Pavement, C. H. Hoyt 383,528 Piles, preserving, C. C. Lane 383,531 Piles, protecting and preserving, C. C. Lane 383,736	Truck, turntable extension ladder, E. B. Preston. 383,828 Truck, turntable extension ladder, C. Hicks 383,731 Truck, water tower, A. Bruegger, Jr
Match frame. Fruit stoning machine, B. A. Lillie	383,739	Pin. See Lace pin. Pipe moulding apparatus, McNeal & Stineruck 883,584	Truss, R. H. Fargue 383,717 Twine holder, J. Hill 383,573
Furnace. See Heating furnace. Furniture, corner brace or bracket for, F. Vornbrock	383,841	Pipes, thermo-electric apparatus for controlling the temperature of water in, E. A. Newman 383,536 Pipe threading die, F. Virgien 383,787	Type writer cabinet, B. P. Richardson
Gauge. See Shingling gauge. Galvanic battery, H. B. Cox		Pipe wrench, J. Rose 388,544 Piston and plunger, R. Tonge 383,788 Plow, gang, A. & G. M. Shaffer 383,496	Moore 383,755 Valve for water gauges, C. B. Dunton 383,448 Vapors, apparatus for automatically generating
Galvanometer, Crompton & Kapp	383,444	Pool register, C. S. Krafft 383,581 Porcelain kiln, L. Eoissonnet 383,695	and burning inflammable. C. A. Paquelin
Garment supporter, C. A. Preston		Potato digger. J. D. Perry	Vehicles by electricity, propelling, C. A. Faure 383,561 Vehicles, device for loading, W. B. Dolsen 383,636 Vehicles, fare indicating device for, W. F. Ned-
inating, S. H. R. Dinsmore	883,775	Pressure apparatus, hydro-pneumatic, T. Arthur. 383,429 Printers' galleys, sidestick for, E. P. Allbe 383,682	ler
Gas extinguisher, automatic, M. Siersdorfer Gas from coal, manufacturing illuminating, J. H. R. Dinsmore		Printing machines, air spring or cushion for, C. P. Cottrell	Ventilator, J. H. Reynolds 383,592 Voltmeter, P. Lange 388,649 Washing machine, J. H. Allen 383,683
Gate. See Wire gate. Generator. See Thermo-electric generator. Glove fastener, D. A. Carpenter	902 700	Crowell	Watch oox, portable bullet-proof, P. F. Milligan. 383,752 Watch, split seconds stop, C. H. Meylan 383,749 Watch, stem winding and setting, W. H. Stevens. 383,673
Grain binder, J. A. GrabamGrain cleaning cylinder, W. P. Clifford	383.462 383,627	Printing presses, adjustable side guide for, Knudtson & Uhri	Water closet, G. Michaud 383,752 Water wheel, turbine, S. M. Smith 383,777
Grain divider, S. Ray		Protector. See Pants protector. Trace eye protector. Tree protector. Pulley, split, W. A. Willingham	Weather strip, W. Syester,
Groove cutting tool, W. H. Parry	383,589	Pump, M. H. Timberlake	Wheel. See Traction wheel. Water wheel. Wind wheel.
Guns, mounting and loading apparatus for, G. W. Rendel		Pump. force, G. A. Carter	Wheel, S. V. Kennedy 383,645 Wick, G. Munger 383,822 Wind wneel, H. V. Johnson 383,467
Halter, D. M. Stuart	383,727	Pumps, vent stopper for, A. Scougal	Windmill, E. P. Miles 383,477 Window ventilator, C. R. Long 383,582 Wire cloth, H. Atkins 383,791
Hanger. See Shaft hanger. Harvester bundle carrier, O. J. Foss	383,718	Rail chair, J. Quinn, Jr	Wire gate, A. J. Cointe 383.705 Wire mat, H. H. Schleber 383,772
Harvester, clover seed, H. Burfeind Harvesters, platform adjustment for, C. F. Search	·	Railway rail, D. T. Bennett	Wood splitting machine, C. H. Barrows
Hay rake, T. F. & M. O. Godding		Railways, overhead conducting system for elec- tric, G. T. Woods	DESIGNS.
Heating furnace, F. Kernan, Jr		tric, Ries & Henderson	Builders' hardware, ornamentation of, T. Village 18,357 Coffee or tea pot, L. J. Richards
Holder. See Paper holder. Tack or nail holder. Tag holder. Ticket holder. Twine holder.	ĺ	Ratchet and pawl device, A. B. Case	Dentiffice case, J.C. Moore
Hoof expander, L. Monahan, Jr	383,585	register. Punch register.	Toy bank, J. A. Graff
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bend-	383,686	Regulator. See Speed regulator. Relay, J. E. Watson	
Hoop. See Mast hoop. Hoop fron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse detacher, Maury & Roubinet	383,686 383,519 383,447 383,742	Regulator. See Speed regulator. Relay, J. E. Watson. 383,843 Retouching device, G. F. Card. 383,436 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller.	Toy bank, J. A. Graff
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson	383,686 383,519 383,447 383,742 383,443 383,694	Regulator. See Speed regulator. Relay, J. E. Watson. 383,843 Retouching device, G. F. Card. 383,436 Rocking chair, G. F. Hall. 833,808 Rod. See Eccentric rod.	Toy bank, J. A. Graff
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse detacher, Maury & Roubinet Horse power sweep, G. W. Crane Horseshoe, J. E. & E. W. Bingham	383,686 383,519 383,447 383,742 383,443 383,694 10,934 383,782	Regulator. See Speed regulator. Relay, J. E. Watson. 383,843 Retouching device, G. F. Card. 383,436 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,803 Rotary engine, J. C. Jarvis. 383,530 Rudders, combined bearing and stuffing box for. J. H. Konitzky 383,646	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terrý 18,856 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company 15,545 Beer, F. Seely 15,668 Beverages, malt and carbonated, J. M. Donnelly 15,527 Boots and shoes, leather, T. Rice & Co. 15,550 Champagne, E. Irroy 15,587
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse detacher, Maury & Roubinet	383,686 383,447 383,742 383,742 383,694 10,984 383,782 383,576 383,576 383,576	Regulator. See Speed regulator. Relay, J. E. Watson. 383,843 Retouching device, G. F. Card. 383,436 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,803 Rotary engine, J. C. Jarvis. 383,530 Rudders, combined bearing and stuffing box for. J. H. Konitzky. J. H. Konitzky. 383,646 Saddle, harness, S. A. Marker 383,741 Saddle pad, J. Morrow. 383,821 Sash fastener, C. Wolcott. 383,519	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terrý 18,353 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company 15,545 Beer, F. Seely 15,563 Beverages, malt and carbonated, J. M. Donnelly 15,527 Boots and shoes, leather, T. Rice & Co 15,560 Champagne, E. Irroy 15,557 Cigars, Reid, Murdoch & Fischer 15,547 to 15,549 Cigars, cigarettee, and smoking and chewing to-
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse power sweep, G. W. Crane Horse power sweep, G. W. Crane Hydraulic shaping press. A. E. Hobson (r) Incubators, temperature regulator for, J. W. Hile Indicator. See Electric circuit indicator. Electrical indicator. Ink mill T. R. Johnston Insect trap, J. Williams Insulator for electrical wires, F. E. Keyes	383,686 383,519 383,447 383,443 383,694 10,984 383,782 383,576 383,514 883,783 383,734	Regulator. See Speed regulator. Relay, J. E. Watson. 383,843 Retouching device, G. F. Card. 383,436 Rocking chair, G. F. Hall. 383,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,630 Rotary engine, J. C. Jarvis. 383,530 Rudders, combined bearing and stuffing box for. J. H. Konitzky. 383,646 Saddle, harness, S. A. Marker. 383,741 Saddle pad, J. Morrow. 888,821	Toy bank, J. A. Graff
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse detacher, Maury & Roubinet Horse power sweep, G. W. Crane Horseshoe, J. E. & E. W. Bingham Hydraulicshaping press. A. E. Hobson (r) Incubators, temperature regulator for, J. W. Hile Indicator. See Electric circuit indicator. Electrical indicator. Ink mill T. R. Johnston Ink well, E. J. Colby	383,686 383,519 383,742 383,742 383,483 383,694 10,934 383,782 383,576 383,514 883,783 383,734	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,436 Rocking chair, G. F. Hall. 883,508 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,530 Rotary engine, J. C. Jarvis. 383,646 Saddlers, combined bearing and stuffing box for. J. H. Konitzky. 383,646 Saddle, harness, S. A. Marker. 383,741 Saddle pad, J. Morrow. 583,821 Sash fastener, C. Wolcott. 383,459 Sawmill, W. Gowen. 383,468 Sawmill carriages, automatic offset for, W. Gowen. 383,437 Sawmill carriages, offsetting mechanism for, W.	Toy bank, J. A. Graff
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse detacher, Maury & Roubinet	383,686 383,519 383,742 383,742 383,483 383,694 10.934 383,782 383,782 383,576 383,783 383,783 383,783 383,783 383,784	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 983,521 Rope grip or selvage strop, A. K. Evans. 383,803 Rotary engine, J. C. Jarvis. 383,530 Rudders, combined bearing and stuffing box for. J. H. Konitzky 383,646 Saddle, harness, S. A. Marker 383,741 Sadh paddle pad, J. Morrow 883,821 Sawmill, W. Gowen 383,461 Sawmill, W. Gowen 883,459 Sawmill carriages, automatic offset for, W. Gowen 383,459 Sawmill carriages, offsetting mechanism for, W. Gowen 383,460 Sawmill head block, I. Swank 383,600 Saws. machine for truing the teeth of, R. Gaskin,	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terry 18,356 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company 15,545 Beer, F. Seely 15,553 Beverages, malt and carbonated, J. M. Donnelly 15,527 Boots and shoes, leather, T. Rice & Co 15,550 Champagne, E. Irroy 15,537 to 15,549 Cigars, Reid, Murdoch & Fischer 15,537 to 15,549 Cigars, cigarettes, and smoking and chewing tobacco, Irwin & Co 15,551 Dowle or. finely divided portions of feathers resembling down, C. M. Hawkins & Co 15,532 Draughtsmen and engineers, certain supplies and instruments for, E. G. Soltmann 15,555 Gin, wine, whisky, rum, liqueurs, brandy, and other similar liquors, Boord & Seo 15,551
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Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French	383,686 383,519 383,447 383,742 383,494 10,934 383,782 383,576 383,576 383,578 383,734 383,734 383,682 383,662 383,662 383,666	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,630 Rotary engine, J. C. Jarvis. 383,630 Rudders, combined bearing and stuffing box for. J. H. Konitzky. J. H. Konitzky. 383,646 Saddle, harness, S. A. Marker. 383,831 Saddle, harness, S. A. Marker. 383,461 Saddle, harness, S. A. Marker. 383,461 Sawmill, W. Gowen. 383,461 Sawmill, W. Gowen. 383,461 Sawmill, band, W. Gowen. 383,468 Sawmill carriages, offsetting mechanism for, W. Gowen. 383,460 Sawmill head block, I. Swank. 383,600 Sawmill head block, I. Swank. 383,70 Scaffold, painter's, M. Lacy. 383,471 Scale, régistering and recording weighing, E. G. Fisher. 383,451 Scraper, road, Miller & Moats. 3	Toy bank, J. A. Graff
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French	383,686 383,519 383,447 383,742 383,494 10,934 383,782 383,782 383,576 383,514 883,783 383,734 383,616 383,602 383,602 383,602 383,676	Regulator. See Speed regulator. Relay, J. E. Watson. 383,433 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,630 Rotary engine, J. C. Jarvis. 383,646 Saddle, combined bearing and stuffing box for. 383,741 Saddle, harness, S. A. Marker. 383,741 Saddle, harness, S. A. Marker. 383,461 Sawmill, W. Gowen. 383,463 Sawmill, band, W. Gowen. 383,463 Sawmill carriages, automatic offset for, W. Gowen. 383,463 Sawmill carriages, offsetting mechanism for, W. Gowen. 383,460 Saws. machine for truing the teeth of, R. Gaskin, Jr. 353,700 Scaffold, painter's, M. Lacy. 383,461 Scaffold, painter's, M. Lacy. 383,461 Scaffold, painter's, M. Lacy. 383,461 Scraper, road, Miller & Moats. 383,751 Screw, R. Stilwell.	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terry 18,353 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company. 15,545 Beer, F. Seely. 15,553 Beverages, malt and carbonated, J. M. Donnelly. 15,527 Boots and shoes, leather, T. Rice & Co. 15,550 Champagne, E. Irroy. 15,557 Cigars, Reid, Murdoch & Fischer. 15,547 to 15,549 Cigars, cigarettes, and smoking and chewing tobaco, Irwin & Co. 15,580 Confectionery, certain named, M. D. Saxe 15,551 Dowle or. finely divided portions of feathers resembling down, C. M. Hawkins & Co. 15,532 Draughtsmen and engineers, certain supplies and instruments for, E. G. Soltmann 15,553 Cin, wine, whisky, rum, liqueurs, brandy, and other similar liquors, Boord & Sen 15,553 Gin, wine, whisky, rum, liqueurs, brandy, and other similar liquors, Boord & Sen 15,553 Gum, chewing, C. T. Heisel 15,533 Hose, hydraulic, Eureka Fire Hose Company. 15,528 Medical compound for the cure of certain named diseases, C. F. Kittredge. 15,533 Medicine, cough, M. L. Keyes. 15,531 Medicine, cough, M. L. Keyes. 15,531
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French	383,686 383,519 383,742 383,742 383,694 10,984 10,984 383,782 383,782 383,783 383,783 383,783 383,734 383,769 383,616 383,602 383,676 383,676 383,676	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,530 Rotary engine, J. C. Jarvis. 383,530 Rudders, combined bearing and stuffing box for. J. H. Konitzky. 333,646 Saddle, harness, S. A. Marker. 383,741 Sabria fastener, C. Wolcott. 383,451 Sawmill, W. Gowen. 383,463 Sawmill, band, W. Gowen. 383,459 Sawmill carriages, automatic offset for, W. Gowen. Sawmill carriages, offsetting mechanism for, W. Gowen. Saws. machine for truing the teeth of, R. Gaskin, Jr. 383,460 Saws. machine for truing the teeth of, R. Gaskin, Jr. 383,720 Scaffold, painter's, M. Lacy. 383,471 Scale, régistering and recording weighing, E. G. Fisher. 383,451 Scraper, road, Miller & Moats. 383,530	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terry 18,353 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company. 15,545 Beer, F. Seely. 15,545 Beverages, malt and carbonated, J. M. Donnelly. 15,527 Boots and shoes, leather, T. Rice & Co. 15,550 Champagne, E. Irroy. 15,557 Cigars, Reid, Murdoch & Fischer. 15,547 to 15,549 Cigars, cigarettes, and smoking and chewing tobacco, Irwin & Co. 15,580 Confectionery, certain named, M. D. Saxe. 15,551 Dowle or. finely divided portions of feathers resembling down, C. M. Hawkins & Co. 15,532 Draughtsmen and engineers, certain supplies and instruments for, E. G. Soltmann. 15,553 Gin, wine, whisky, rum, liqueurs, brandy, and other similar liquors, Boord & Son. 15,551 Ginghams, tickings, and all cotton goods, J. Farnum & Co. 15,552 Gum, chewing, C. T. Heisel. 15,533 Medicine, cough, M. L. Keyes. 15,553 Medicine, cough, J. McLeish. 15,541 Nails, horse, C. M. McClung & Co. 15,542 Paint, metallic, Prince's Metallic Paint Company. 15,541 Nails, horse, C. M. McClung & Co. 15,542 Paper bags, Union Bag and Paper Company. 15,546 Paper bags, Union Bag and Paper Company.
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse detacher, J. A. Dickson Horse power sweep, G. W. Crane Horseshoe, J. E. & E. W. Bingham Hydraulicshaping press, A. E. Hobson (r) Incubators, temperature regulator for, J. W. Hile Indicator. See Electric circuit indicator. Electrical indicator. Ink mill T. R. Johnston Ink well, E. J. Colby Insulator for electrical wires, F. E. Keyes Jack. See Lifting jack. Lifting and lowering jack. Kiin. See Porcelain kiln. Knitting machine, Lamprey & Bugbee Ladee pin or brooch, E. D. Ganter Ladder, step, J. Eiden Lamp, incandescent, Byllesby & Lange Lamps, evacuating electric, E. P. Thompson Lamps, manufacture of filaments for electric incandescent, J. W. Packard. Lamps, manufacture of finandescent electric, E. P. Thompson Land roller, F. Grimes Leg, artificial, A. Gault Level, ditching, E. Reichenbach Lifting and lowering jack, L. J. Crecelius	383,686 383,519 383,742 383,742 383,694 10,984 383,782 383,576 383,514 383,783 383,734 383,734 383,616 383,616 383,602 383,676 383,676 383,676 383,676 383,676	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,803 Rotary engine, J. C. Jarvis. 383,630 Rudders, combined bearing and stuffing box for. J. H. Konitzky. Saddle, harness, S. A. Marker. 383,646 Saddle, harness, S. A. Marker. 383,539 Sawh fastener, C. Wolcott. 383,549 Sawmill, W. Gowen. 883,458 Sawmill, W. Gowen. 883,458 Sawmill carriages, automatic offset for, W. Gowen. Gowen. 383,450 Sawmill head block, I. Swank 383,600 Sawmill head block, I. Swank 383,600 Sawmill head block, I. Swank 383,600 Saws, machine for truing the teeth of, R. Gaskin, 383,720 Scale, régisterin	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terry 18,353 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company 15,545 Beer, F. Seely. 15,545 Beer, F. Seely. 15,553 Beverages, malt and carbonated, J. M. Donnelly. 15,527 Boots and shoes, leather, T. Rice & Co. 15,550 Champagne, E. Irroy. 15,537 to 15,549 Cigars, Reid, Murdoch & Fischer. 15,537 to 15,549 Cigars, Reid, Murdoch & Fischer. 15,537 to 15,549 Cigars, Gigaretties, and smoking and chewing tobacco, Irwin & Co. 15,551 Dowle or, finely divided portions of feathers resembling down, C. M. Hawkins & Co. 15,552 Draughtsmen and engineers, certain supplies and instruments for, E. G. Soltmann 15,553 Draughtsmen and engineers, certain supplies and other similar liquors, Boord & Sen. 15,551 Gin, wine, whisky, rum, liqueurs, brandy, and other similar liquors, Boord & Sen. 15,531 Ginghams, tickings, and all cotton goods, J. Farnum & Co. 15,529 Gum, chewing, C. T. Heisel. 15,533 Hose, hydraulic, Eureka Fire Hose Company. 15,528 Medical compound for the cure of certain named diseases, C. F. Kittredge. 15,538 Medicine, cough, M. L. Keyes. 15,537 Medicine, cough, J. McClung & Co. 15,542 Paint, metallic, Prince's Metallic Paint Company. 15,546
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Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse detacher, J. A. Dickson Horse power sweep, G. W. Crane Horseshoe, J. E. & E. W. Bingham Hydraulicshaping press. A. E. Hobson (r) Incubators, temperature regulator for, J. W. Hile Indicator. See Electric circuit indicator. Electrical indicator. Ink mill T. R. Johnston Ink well, E. J. Colby Inscut trap, J. Williams Insulator for electrical wires, F. E. Keyes Jack. See Lifting jack. Lifting and lowering jack. Kiln. See Porcelain kiln. Knitting machine, Lamprey & Bugbee Lade pin or brooch, E. D. Ganter Ladder, step, J. Eiden Lamp, incandescent, Byllesby & Lange Lamps, evacuating electric, E. P. Thompson Lamps, manufacture of filaments for electric incandescent, J. W. Packard. Lamps, manufacture of filaments for electric incandescent, J. W. Packard. Lamps, manufacture of filaments for electric incandescent, J. W. Packard. 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Lamps, manufacture of filaments for el	383,686 383,519 383,447 383,694 10,934 383,782 383,576 383,514 383,783 383,576 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,710 383,710 383,710 383,710 383,711 383,638 383,711 383,711 383,711 383,638 383,711 383,711 383,711 383,618	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,532 Rudary engine, J. C. Jarvis. 383,533 Rudary engine, J. C. Jarvis. 383,533 Rudders, combined bearing and stuffing box for. J. H. Konitzky. J. H. Konitzky. 383,461 Saddle, harness, S. A. Marker. 383,741 Saddle, harness, S. A. Marker. 383,451 Sawmill, W. Gowen. 383,453 Sawmill, W. Gowen. 383,453 Sawmill, band, W. Gowen. 383,453 Sawmill carriages, automatic offset for, W. Gowen. Gowen. 383,463 Sawmill head block, I. Swank 383,463 Sawmill head block, I. Swank 383,460 Sawmill head block, I. Swank 383,720 Scale, régistering and recording weighing, E.	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terry 18,353 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company 15,545 Beer, F. Seely. 15,553 Beverages, malt and carbonated, J. M. Donnelly. 16,527 Boots and shoes, leather, T. Rice & Co. 15,550 Champagne, E. Irroy. 15,557 Cigars, Reid, Murdoch & Fischer 15,547 to 15,549 Cigars, cigarettes, and smoking and chewing tobacco, Irwin & Co. 16,586 Confectionery, certain named, M. D. Saxe 15,551 Dowle or. finely divided portions of feathers resembling down, C. M. Hawkins & Co. 15,532 Draughtsmen and engineers, certain supplies and instruments for, E. G. Soltmann 15,553 Gin, wine, whisky, rum, liqueurs, brandy, and other similar liquors, Boord & Son. 15,521 Ginghams, tickings, and all cotton goods, J. Farnum & Co. 15,533 Hose, hydraulic, Eureka Fire Hose Company. 15,523 Medicine, cough, M. L. Keyes. 15,533 Medicine, cough, M. L. Keyes. 15,533 Medicine, cough, M. L. Keyes. 15,534 Paper bags, Union Bag and Paper Company. 15,546 Paper bags, Union Bag and Paper Company. 15,556 Pans, gold, J. Foley. 15,550 Printed periodical publication, Seeger & Guernsey Company. 15,550 Printed periodical publication, Seeger & Guernsey Company. 15,550 Printed periodical publication, Seeger & Guernsey Company. 15,552 Soap, tollet, F. M. Towne 15,553 Shingles, cypress, Clark, Fairhead & Co. 15,523, 15,554 Shingles, cypress, Clark, Fairhead & Co. 15,553, 15,554 Shingles, cypress, Clark, Fairhead & Co. 15,553, 15,554 Soap for laundry and general purposes, hard, Columbia Manufacturing Company. 15,555 Soap, tollet, medicated, and commercial, R. H. McDonald Drug Company. 15,555 Soap, tollet, medicated, and commercial, R. H. McDonald Drug Company. 15,555 Watch cases, Brooklyn Watch Case Company. 15,552 Watch cases, Brooklyn Watch Case Company. 15,552
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French	383,686 383,519 383,447 383,694 10,934 383,782 383,783 383,576 383,514 383,783 383,616 383,602 383,616 383,602 383,616 383,602 383,676 383,494 383,676 383,494 383,676 383,494 383,771 383,790 383,638 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,767 383,771 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,825 383,7146 383,771 383,711	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,532 Rope grip or selvage strop, A. K. Evans. 383,633 Rotary engine, J. C. Jarvis. 383,646 Saddle, harders, S. A. Marker 383,461 Saddle, harness, S. A. Marker 383,461 Saddle, pad, J. Morrow. 988,821 Sawnill, W. Gowen 383,463 Sawmill, band, W. Gowen 383,463 Sawmill carriages, automatic offset for, W. Gowen Gowen 383,461 Sawmill band, W. Gowen 383,461 Sawmill carriages, offsetting mechanism for, W. Gowen Gowen 383,461 Sawmill head block, I. Swank 383,461 Saws. machine for truing the teeth of, R. Gaskin, Jr 383,460 Saws. machine for truing the teeth of, R. Gaskin, Jr 383,461 Scaffold, painter's, M. L	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terry 18,353 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company. 15,545 Beer, F. Seely. 15,553 Beverages, malt and carbonated, J. M. Donnelly. 16,527 Boots and shoes, leather, T. Rice & Co. 15,550 Champagne, E. Irroy. 15,557 Cigars, Reid, Murdoch & Fischer. 15,547 to 15,549 Cigars, cigarettes, and smoking and chewing tobacco, Irwin & Co. 15,580 Confectionery, certain named, M. D. Saze. 15,551 Dowle or. finely divided portions of feathers resembling down, C. M. Hawkins & Co. 15,532 Draughtsmen and engineers, certain supplies and instruments for, E. G. Soltmann. 15,553 Gin, wine, whisky, rum, liqueurs, brandy, and other similar liquors, Boord & Son. 15,531 Ginghams, tickings, and all cotton goods, J. Farnum & Co. 15,532 Gum, chewing, C. T. Heisel. 15,533 Medical compound for the cure of certain named diseases, C. F. Kittredge. 15,533 Medicine, cough, M. L. Keyes. 15,537 Medicine, cough, M. L. Keyes. 15,537 Medicine, cough, M. J. McLeish. 15,541 Nails, horse, C. M. McClung & Co. 15,530 Printed periodical publication, Seeger & Guernsey Company. 15,560 Paper bags, Union Bag and Paper Company. 15,564 Paper, gold, J. Foley. 15,550 Printed periodical publication, Seeger & Guernsey Company. 15,552 Sony, toilet, F. M. Towne 15,565 Sash chains, window, Smith & Egge Manufacturing Company. 15,555 Sony, toilet, medicated, and commercial, R. H. McDonald Drug Company. 15,555 Wagons, freight or farm, Turnbull-Wagon Company. 15,557
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French	383,686 383,519 383,447 383,694 10,934 383,782 383,783 383,783 383,783 383,783 383,719 383,449 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,767 383,710 383,767 383,710 383,838 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Land roller. Rolling tires, P. Gendron. 383,532 Rope grip or selvage strop, A. K. Evans. 383,533 Rotary engine, J. C. Jarvis. 383,533 Rudders, combined bearing and stuffing box for. J. H. Konitzky. Saddle, harness, S. A. Marker. 383,461 Saddle, harness, S. A. Marker. 383,451 Sawmill, W. Gowen. 383,463 Sawmill, band, W. Gowen. 383,463 Sawmill carriages, automatic offset for, W. Gowen. 383,461 Sawmill carriages, offsetting mechanism for. W. Gowen. 383,461 Sawmill head block, I. Swank 383,460 Saws. machine for truing the teeth of, R. Gaskin, Jr. Jr. 383,460 Saws. machine for truing the teeth of, R. Gaskin, Jr. 383,460 Scafold, painter's, M. Lacy 383,461 Scale, régistering and recording weighing,	Toy bank, J. A. Graff. 18,352 Watch charm, E. Terrý 18,353 Whisk holder and match safe, J. F. Lockwood. 18,353 TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company. 15,545 Beer, F. Seely. 15,553 Beverages, malt and carbonated, J. M. Donnelly. 15,527 Boots and shoes, leather, T. Rice & Co. 15,550 Champagne, E. Irroy. 15,557 Cigars, Reid, Murdoch & Fischer. 15,547 to 16,549 Cigars, cigarettes, and smoking and chewing tobacco, Irwin & Co. 15,530 Confectionery. certain named, M. D. Saxe. 15,551 Dowle or. finely divided portions of feathers resembling down, C. M. Hawkins & Co. 15,532 Draughtsmen and engineers, certain supplies and instruments for, E. G. Soltmann. 15,553 Gin, wine, whisky, rum, liqueurs, brandy, and other similar liquors, Boord & Sen. 15,551 Ginghams, tickings, and all cotton goods, J. Farnum & Co. 15,532 Gum, chewing, C. T. Heisel. 15,533 Hose, hydraulic, Eureka Fire Hose Company. 15,528 Medical compound for the cure of certain named diseases, C. F. Kittredge. 15,533 Medicine, cough, J. McLeish. 15,541 Nails, horse, C. M. McClung & Co. 15,554 Nails, horse, C. M. McClung & Co. 15,559 Paper bags, Union Bag and Paper Company. 15,569 Pavements, artificial stone and cement and concrete, W. Krause & Son. 15,559 Pavements, artificial stone and cement and concrete, W. Krause & Son. 15,559 Pens, gold, J. Foley. 16,550 Printed periodical publication, Seeger & Guernsey Company. 15,552 Salve, C. S. Phelps. 15,553 Salve, C. S. Phelps. 15,554 Salve, toilet, F. M. Towne. 15,556 Sashchains, window, Smith & Egge Manufacturing Company. 15,555 Soap, toilet, medicated, and commercial, R. H. McDonald Drug Company. 15,553 Wagons, freight or farm, Turnbull-Wagon Company. 15,553 Wagons, freight or farm, Turnbull-Wagon Company. 15,553 Wagons, freight or farm, Turnbull-Wagon Company. 15,554
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horns of cattle, machine for softening and bending the, G. B. French	383,686 383,519 383,447 383,694 10,934 383,783 383,783 383,783 383,783 383,783 383,719 383,449 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,616 383,710 383,767 383,710 383,838 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,767 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710 383,710	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,532 Rotary engine, J. C. Jarvis. 383,533 Rudders, combined bearing and stuffing box for. J. H. Konitzky. 383,536 J. H. Konitzky. 383,536 Saddle, harness, S. A. Marker. 383,741 Saddle pad, J. Morrow. 588,821 Sawmill, W. Gowen. 383,463 Sawmill, band, W. Gowen. 383,463 Sawmill carriages, offsetting mechanism for, W. Gowen. 383,463 Sawmill head block, I. Swank. 383,460 Sawmill head block, I. Swank. 383,460 Sawm.	TOY bank, J. A. Graff
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horse of cattle, machine for softening and bending the, G. B. French Horse detacher, J. A. Dickson Horse detacher, J. A. Dickson Horse power sweep, G. W. Crane Horseshoe, J. E. & E. W. Bingham Eydraulic shaping press. A. E. Hobson (r) Incubators, temperature regulator for, J. W. Hile Indicator. See Electric circuit indicator. Electrical indicator. Ink mill T. R. Johnston Ink well, E. J. Colby Insulator for electrical wires, F. E. Keyes Jack. See Lifting jack. Lifting and lowering jack. Kiin. See Porcelain kiln. Knitting machine, Lamprey & Bugbee Ladee pin or brooch, E. D. Ganter Ladder, step, J. Eiden Lamp fixture extension, F. Rhind Lamp, incandescent, Byllesby & Lange Lamps, carbon conductor for, H. J. Von Metzradt Lamps, manufacture of filaments for electric incandescent, J. W. Packard. Lamps, manufacture of incandescent electric, E. P. Thompson Land roller, F. Grimes Leg, artificial, A. Gault Level, ditching, E. Reichenbach Lifting and lowering jack, L. J. Crecelius Lifting jack, L. J. Crecelius Lock. See Nut lock. Seal lock. Switch lock. Lock, G. B. M. Foust Lock, E. F. Goodwin Loom pile wire. G. Segschneider Loom pile wire. G. Segschneider Loom pile wire. G. Segschneider Loom shuttle, J. C. Sergeson Loom pile wire delivery mechanism for double pile fabric, F. Pearson Lubricator, E. McCoy	383,686 383,519 383,447 383,694 10,984 10,984 383,578 383,578 383,578 383,578 383,578 383,616 383,602 383,676 383,666 383,676 383,676 383,676 383,676 383,790 383,676 383,790 383,569 383,771 383,688 383,771 383,688 383,771 383,781 383,771 383,888	Regulator. See Speed regulator. Relay, J. E. Watson. 383,438 Retouching device, G. F. Card. 383,438 Rocking chair, G. F. Hall. 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Rolling tires, P. Gendron. 383,532 Rober grip or selvage strop, A. K. Evans. 383,633 Rotary engine, J. C. Jarvis. 383,643 Rotary engine, J. C. Jarvis. 383,643 Raddle, harness, S. A. Marker 383,741 Saddle, harness, S. A. Marker 383,741 Sabmtill, W. Gowen 383,458 Sawmill, W. Gowen 383,458 Sawmill, W. Gowen 383,458 Sawmill carriages, offsetting mechanism for, W. Gowen Gowen 383,458 Sawmill head block, I. Swank 383,600 Saws. machine for truing the teeth of, R. Gaskin, Jr. 383,450 Saws. machine for truing the teeth of, R. Gaskin, Jr. 383,450 Scafloid, painter's, M. Lacy 383,471 Scale, régistering and recording weighing, E. G. Fisher 383,451 Scr	TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company
Hoop. See Mast hoop. Hoop iron, machine for bundling, W. Bansen Horse of cattle, machine for softening and bending the, G. B. French	383,686 383,519 383,447 383,694 10,934 383,576 383,514 383,576 383,514 383,686 383,783 383,676 383,616 383,602 383,676 383,676 383,676 383,676 383,676 383,790 383,676 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,790 383,546 383,791 383,698	Regulator. Sespeed regulator. Relay, J. E. Watson. 383,43 Retouching device, G. F. Card. 383,43 Rocking chair, G. F. Hall 883,808 Rod. See Eccentric rod. Roller. See Anti-friction roller. Rolling tires, P. Gendron. 383,521 Rope grip or selvage strop, A. K. Evans. 383,521 Rotary engine, J. C. Jarvis. 383,530 Rudders, combined bearing and stuffing box for. J. H. Konitzky. 383,646 Saddle, harness, S. A. Marker 383,741 Sash fastener, C. Wolcott. 383,459 Sawmill, W. Gowen 383,469 Sawmill, W. Gowen 383,469 Sawmill carriages, automatic offset for, W. Gowen 383,469 Sawmill carriages, offsetting mechanism for, W. Gowen 383,469 Sawmill head block, I. Swank 383,600 Sawmill head block, I. Swank 383,760 Sawmill head block, I. Swank 383,760 Sawmill head block, I. Swank 383,761 Scaffold, painter's, M. Lacy 383,41 Scale, régistering and recording weighing, E. G.<	TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company

H. Lubker.	383,473	Tag holder, E. F. Goodwin	
for, C. E.	·	Tea, coffee, milk, etc., receptacle and heater for, C. W. Hellenbrand Telegraph, printing, S. V. Essick	
••••••	383,455	Telephone call bell system, F. F. Fisher Thermo-electric generator, R. J. Gulcher	383,563
аў	383,928	Thermometer, A. Bayer	3 83 ,6 91
•••••	383,810	Tile machine, Puchta & Hoffmann	383, 591
ting, A. F.	-	Snidow	383,778 383,52 7
······	383,652	Tooth, artificial, J. B. Parker Toy, C. M. Crandall	383,760 383,442
shoes, com-		Trace eye protector, S. M. Hartman	388,526
d	383,744	Transplanting implement, T. R. Coon Trap. See Animal trap. Insect trap.	
		Truck, car, J. C. Barber	383,824 383,688
	383,714 383,578	Truck, stove, Bell & Gregory Truck, turntable extension ladder, E. Adcock	383,610 583,681
• ••••••••••••••••••••••••••••••••••••	383,528 383,531	Truck, turntable extension ladder, E. B. Preston Truck, turntable extension ladder, C. Hicks	383,828 \$83,731
Lane	·	Truck, water tower, A. Bruegger, Jr Truss, R. H. Fargue	383,717
ineruck controlling	·	Twine holder, J. Hill	383,492
Newman	383,787	Type writing machine, J. W. Osborne383,480 to Upholsterers' tufts, machine for making, J. L.	
••••••	383,788	Moore	3 83,448
••••••	383,581	Vapors, apparatus for automatically generating and burning inflammable. C. A. Paquelin	383,53 8
		Vegetable or root cutter, E. H. Clare	383,561
s. Match	900 400	Vehicles, device for loading, W. B. Dolsen Vehicles, fare indicating device for, W. F. Ned-	
T. Arthur.	383,429 383,682	Ventilator. See Window ventilator.	
nion for, C.		Ventilator, J. H. Reynolds	383,649
a for, L. C. 383,799, versing de-	383,800	Washing machine, J. H. Allen	383,752
		Watch, split seconds stop, C. H. Meylan Watch, stem winding and setting, W. H. Stevens. Water closet, G. Michaud	383,673
guide for, 00 eye pro-	3 83,8 1 6	Water closet, G. Michaud Water wheel, turbine, S. M. Smith Weather strip, W. Syester,	383,777
	383.790	Weather strip, w. Syester Weight and price indicating balance, Springer & Kent	
Parsons	383,780	Wheel. See Traction wheel. Water wheel. Wind wheel.	~~0123d
	383,708	Wheel, S. V. Kennedy	
, W. Mild	383,476	Wind wheel, H. V. Johnson	383,467
••••••		Window ventilator, C. R. Long	383,582
iks		Wire gate, A. J. Cointe	3 83.705
cable, O. C.	383,431	Wood splitting machine, C. H. Barrows	383,690
		wool, machinery for washing. W. Cook	388,515
	383,708	Wool, machinery for washing, W. Cook Wrench. See Pipe wrench.	388,515
m for elec-	383,708 383,844		388,515
m for elec-	383,708 383,844 38 3, 770	Wrench. See Pipe wrench.	. 18,357
m for elec-	383,708 383,844 383,770 883,634	Wrench. See Pipe wrench. DESIGNS. Builders' hardware, ornamentation of, T. Village. Coffee or tea pot, L. J. Richards. Dentifrice case, J. C. Moore. Dish, W. G. Walter.	. 18,357 . 18,355 . 18,354 . 18,358
m for elec-	383,708 383,844 38 3, 770 863,634	Wrench. See Pipe wrench. DESIGNS. Builders' hardware, ornamentation of, T. Village. Coffee or tea pot, L. J. Richards Dentifrice case, J. C. Moore Dish, W. G. Walter Toy bank, J. A. Graff Watch charm, E. Terry	. 18,357 . 18,355 . 18,354 . 18,358 . 18,352 . 18,356
m for elec- ip for elec- ster. Pool	383,708 383,844 383,770 383,634 383,843 383,436	Wrench. See Pipe wrench. DESIGNS. Builders' hardware, ornamentation of, T. Village. Coffee or tea pot, L. J. Richards. Destiffice case, J. C. Moore. Dish, W. G. Walter. Toy bank, J. A. Graff.	. 18,357 . 18,355 . 18,354 . 18,358 . 18,352 . 18,356
m for elec- ip for elec- ster. Pool	383,708 383,844 383,770 383,634 383,843 383,436	Wrench. See Pipe wrench. DESIGNS. Builders' hardware, ornamentation of, T. Village. Coffee or tea pot, L. J. Richards Dentifrice case, J. C. Moore Dish, W. G. Walter Toy bank, J. A. Graff Watch charm, E. Terry	. 18,357 . 18,355 . 18,354 . 18,358 . 18,352 . 18,356
m for elec- ip for elec- ster. Pool	383,708 383,844 383,770 383,634 383,436 383,508	Wrench. See Pipe wrench. DESIGNS. Builders' hardware, ornamentation of, T. Village. Coffee or tea pot, L. J. Richards. Destiffiere case, J. C. Moore. Dish, W. G. Walter. Toy bank, J. A. Graff. Watch charm, E. Terry. Whisk holder and match safe, J. F. Lockwood TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company.	. 18,357 . 18,355 . 18,354 . 18,352 . 18,352 . 18,353
m for elec- ip for elec- ster. Pool d roller.	383,708 383,844 363,770 383,634 383,436 383,808 383,508	Wrench. See Pipe wrench. DESIGNS. Builders' hardware, ornamentation of, T. Village. Coffee or tea pot, L. J. Richards Dentifrice case, J. C. Moore Dish, W. G. Walter Toy bank, J. A. Graff Watch charm, E. Terry Whisk holder and match safe, J. F. Lockwood TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company Beer, F. Seely Beverages, malt and carbonated, J. M. Donnelly	. 18,357 . 18,355 . 18,354 . 18,352 . 18,353 . 18,353 . 18,553 . 15,545 . 15,563 . 15,527
m for elec- ip for elec- ster. Pool d roller.	383,708 383,844 383,694 383,694 383,436 383,521 383,503 383,530 383,646	Wrench. See Pipe wrench. DESIGNS. Builders' hardware, ornamentation of, T. Village. Coffee or tea pot, L. J. Richards. Dentiffice case, J. C. Moore. Dish, W. G. Walter. Toy bank, J. A. Graff. Watch charm, E. Terry. Whisk holder and match safe, J. F. Lockwood TRADE MARKS. Antiseptic chemical compound. Phenique Chemical Company. Beer, F. Seely. Beverages, malt and carbonated, J. M. Donnelly. Boots and shoes, leather, T. Rice & Co. Champagne, B. Irroy.	. 18,357 . 18,355 . 18,354 . 18,352 . 18,356 . 18,553 . 15,545 . 15,563 . 15,527 . 15,563 . 15,527
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