use of his book to others than expert chemists, yet we should consider the work a most useful laboratory companion, often giving valuable hints toward a more elaborate method than the one prescribed.

TEN THOUSAND MILES ON A BICYCLE. By Karl Kron. New York, 1887. (Published by author.) Pp. cvii., 800.

Our best recommendation of this work is to say that we find it very hard to convey any idea of its variety to a shortnotice. The author has conveyed so much of his very marked and interesting personality into every page, his reading and notes and views of men and things crop out so profusely, the interest never fiags. Though ostensibly devoted to an account of ten thousand miles made on his 'cycle, "No. 234," it is an oll a podrida of endless The matter contained cannot be estimated by the number of pages. The small and exceedingly clear type makes it contain the substance of three or four volumes of respectable size. His accidents with his machine, from his first ride of one rod, resulting in a broken elbow and damaged machine, the cost of which ride he puts at \$234, to the entanglement with a tow rope on the canal path and the runaway of the mules with the 'cycle, are all graphically told and described at length. Chapters on other long-distance riders, a list of his original 3,000 subscribers to the book (copartners he calls them), and a variety of other matter are included. Those who enjoy thoroughly characteristic books will appreciate the one under review. Exhaustive indexes of persons and things are contained also.

TORNADOES: WHAT THEY ARE AND HOW TO OBSERVE THEM, WITH SUGGES-TIONS FOR THE PROTECTION OF LIFE AND PROPERTY. By John P. Finley, U. S. A. New York: The Insurance Monitor. Pp. 196. \$1.

The author, a lieutenant in the signal corps, gives us the result of years' study and observation of this class of storms, in a sketchy and narrative form, with com-· pilations of data from the Signal Service reports, and many illustrations, a considerable number of which are reproductions of views taken by instantaneous photography. The peculiarities of some of the most memorable tornadoes are noticed, on the testimony of eve Witnesses, and their destructive effects are shown by several views of the ruin they caused. A chart show ing the average distribution of these storms over the United States for many years gives, as the location of their greatest frequency, a district on either side of the Missouri River, from Omaha to Kansas City, embracing portions of Iowa, Nebraska, Kansas, and Missouri. A small section just east of the southern end of Lake Michigan has also been very frequently visited, as has also a larger area in northern Georgia and Alabama, and western South and North Carolina, while in Virginia, West Virginia, and Kentucky such visitations have been quite infrequent.

* * Any of the above books may be purchased through this office. Send for new catalogue just pub. lished. Address Munn & Co., 361 Broadway, N. Y.



HINTS TO CORRESPONDEN'TS.

Names and Address must accompany all letters, or no attention will be paid thereto. This is for our

or no attention will be paid thereto. This is for our information, and not for publication.

References to former articles or answers should give date of paper and page or number of question.

Inquiries not answered in reasonable time should be repeated; correspondents will bear in mind that, some answers require not a little research, and, though we endeavor to reply to all, either by letter, or in this department, each must take his turn.

(1) M. P. R. writes: I have played on a B flat cornet over a year, and I have had considerable trouble with my lips, especially when playing high notes; they seem to be very soft instead of being hard, which they should be. What will harden them? A. Try aromatic wine, which you can purchase from any druggist. The preparation is made as follows: Take of rue, sage, hyssup, lavender, absinth, rose leaves, thyme, and elder flowers, of each, 4 ounces. Digest for two weeks in 9 pints of claret. Then add tannic acid, alum. and wine of opium, of each 9 ounces.

(2) F. W. asks how to stop out pin holes in a negative. A. Touch them out with a soft lead pencil, such as is employed by retouchers. Formula for a toning solution giving dark tones is as

Chloride of gold...... 1 grain odium carbonate 10 grains Water10 ounces. Use immediately after mixing.

(3) L. F. D. asks (1) what Strassburg turpentine is. A. Strassburg turpentine ismade of European silver fir; it is much used in Germany, and any large druggist should be able to get it for you. 2. A good receipt to make an imitation of the imported gin. A. Dissolve 3% drachms oil of juniper in sufficient 95 per cent alcohol to make a clear liquid; add to it 40 gallons French spirits 10 above proof, with 8 ounces orange peel flavoring, 1 quart sirup, and 30 drops oil of sweet fenuel. Brannt on Distillation gives many recipes and directions for making gins, etc. We mail it for \$2.50.

cells of the plunge battery described in Scientific American of August 20, 1887, page 116, connected in series, will run an Edison 1 candle power incandescent brilliantly. 2. And about what is the electromotive force in volts of each cell when connected in series? A. Each cell has an electromotive force of 190 volts when freshly charged

(5) J. J. R.—Make red copper or royal opper by boiling the articles in a nitric acid pickle (nitric acid and water). It is not unusual to have insulated material, that is, a conductor, or capable of receiving electricity, electrified by induction during a thunder storm, or if connected to the earth through water pipes, gas pipes, etc., to become charged with the opposite electrical conditions from the thunder

(6) J. B. H. asks: By what chemical reaction do the fumes of burning sulphur bleach apricots in drying? A. $SO_2 + H_2O = H_2SO_4 + 2H$. The nascent hydrogen combines with the coloring matter, reducing it to a colorless compound.

(7) E. Mc. L. writes: Our brick house weats and destroys the paper on the walls. What is the best remedy or best finish to use in such cases? A. Brush the wall over with a hot solution of % pound of castile soap in 1 gallon of water; let it dry for twentyfour hours and then apply a solution of 1/2 pound of alum in 4 gallons of water.

(8) P. R. writes: 1. Please give me directions for amalgamating zinc plates for use in Smee batteries. I have an amalgamating solution that I made according to directions that I saw in a catalogue of electrical goods, but I think there is something wrong with it, for after plunging the plates (5×11/2×10 inch) in it till the mercury will flow about on the surface, they will not last in a Smee or Bunsen battery on open circuit. They very soon become covered with a thick coating of a black substance, and waste away very rapidly. Will you please tell me why this is, and also whether or not they can be so treated that they will not corrode in sulphuric acid diluted withten or fifteen parts by weight of water? A. We think the trouble is with your zinc. It is probably quite impure. Try immersing the lower ends of the zines in a cup containing a small quantity of metallic mercury. The cup should be left in the battery cell to continuously maintain the amalgamation. Amalgamated plates on open circuit are apt to give more trouble. Short circuiting for a while will often improve them. 2. Also what is an "infernal machine"? A. An infernal machine is a device containing an explosive or highly combustible substance, and provided with a time exploder or igniter. 3. What is the cause of the beautiful play of colors in mother of pearl? A. The phenomenon is known as diffraction. It is the decomposition of the light by extremely minute grooves in the surface of the pearl.

recipe for a good bichromate battery solution? A. Mix | 100 parts of water with 12 to 20 of bichromate of potash in fine powder. Slowly add with constant stirring 25 parts of oil of vitriol. If you pulverize the bichromate. you should tie a cloth over your mouth and nose, as the dust if inhaled may produceulcers. 2. How can I make a mould for casting battery zincs? A. Cast battery zincs in plaster of Paris moulds, or simply in clay, using a model of wood around which to form the mould. 3 How far apart should the zincs and carbons be in a bichromate battery? A. About 1/2 to 1/2 inch. 4. Will placing a carbon on each side of a zinc, or zinc or each side of a carbon, give twice the current that a single zinc and carbon produces? A. It greatly reduces the resistance, which varies to a great extent in proportion to the areas of the plates that face each other. This improves the efficiency.

(10) W. C. C. asks: 1. State how invisible pictures on glass are made, those that are brought out by breathing on the glass. A. The design is drawn by etching slightly with hydrofluoric acid. See Sur-then mix the boiled liver thoroughly with the water, PLEMENT, No. 378, for illustration and description of strain through a sieve, and add this to the sauce. the process. 2. Is there a preparation of French chalk used in the process? A. Drawing with soapstone or French chalk forms an alternative way of making the though we endeavor to reply to 'all, either by letter or in this department, each must take his turn.

Special Written Information on matters of personal rather than general interest cannot be expected without remuneration.

Scientific American Supplements referred to may be had at the office. Price 10 cents each.

Books referred to promptly supplied on receipt of price.

1 Cornish stone, ½ oxide of tin, 5. Do you think the 4. Please give receipt for making a perfectly white 1 Cornish stone, 1/2 oxide of tin. 5. Do you think the Minerals sent for examination should be distinctly following storage battery will work? If so, how much marked or labeled. current will be produced after storage? Lead shot in fiat porous cell forming the negative pole and oxide of lead in same kind of cell for positive pole, in a weak solution of sulphuric acid cells, 4×7 inches, containing one pound each, all inclosed in wooden box. A. The resistance of your battery will be too high.

> (11) S. B. S. wants (1) a good and easy ecipe for making Seidlitz powders in small quantities A. The proportions are as follows: Rochelle salts 2 drachms, soda bicarbonate 2 scruples put these into a blue paper and thirty-five grains tartaric acid in a white paper. 2. A recipe for making wax tapers. A. Wax alone being too brittle, the composition used is wax 8 parts, white resin 4 parts, tallow 2 parts, turpentine 2 parts. Description of process of making is too long to give here; you will find it in the "Techno-Chemical Recei t Book," page 388, which we can send you postpaid for \$2.00. 3. A good recipe for making a stove polish. A. Mix 2 parts copperas, 1 of bone black, 1 of black head, with sufficient water to make a paste. 4. How to make the tooth wash called sozodont? A. Take of potassium carbonate 1/2 ounce, honey 4 ounces, alcohol 2 ounces, water 10 ounces, oil of wintergreen and oil of rose sufficient to perfume. 5. A recipe for making a plaster good for drawing, healing, and strengthening purposes? A. Consult the U. S. Dipensatory. It contains recipes for many varieties of plasters.

(12) J. M. B. asks whether there is any way of tempering or hardening a saw smithing anvil, one that has been through a fire. A. If it has not been injured by being too long in the fire, so as to change the character of the steel by what is called burning, it can be rehardened; but it requires the experience of a per-(4) F. W. B. asks: How many pint son used to hardening. A good blacksmith should be able to do it.

(13) H. F writes: I have a German sign ver protractor 5 inches in diameter, graduated to 💥 🎉 lamp? A. Four cells would run a one candle lamp grees, but the lines are so fine that I can scarcely see them. Is there anything I can do to make them more clear? A. Make a little paste of lampblack, boiled linseed oil, and turpentine, and rub it across the lines be required to operate a circuit of about two hundred with the finger, wiping off the excess from the surface. feet which has on three bells of high resistance, eight

(14) A. R. asks the medical use of milk in hydrophobia. It has been said that if dogs have plenty of new milk, they will not have the hydrophobia. Is this the truth? A. We cannot indorse the use of milk for rabies in dogs. The best thing to do is to kill the dog immediately, when symptoms of the disease manifest themselves. You will find interesting articles on this subject in Scientific American Supplement, Nos. 63, 87, 125, 128, 137, 230, 276, 352, and 468. 2. The medical use of some of our vegetables. A. For the medicinal properties of vegetables you must consult some physician and works on materia medica. Their action varies with the temperament of different in-

(15) C. B. asks: What cheap article should I use to harden a body of plaster of Paris? A. Mix with alum water.

(16) T. D. desires (1) a recipe for curing deer skins so as to make them durable and pliant like soft leather. A. Wash the skin in warm water, and remove all fleshy matter from the inner surface; then clean the wool with soft soap and wash clean. When the skin is perfectly free from all fatty and oily matter, apply the following mixture to the flesh side: Common salt and ground alum ¼ pound each and ½ ounce borax. Dissolve the whole in 1 quart hot water and sufficiently cool to bear the hands; add rye meal to make it into a thick paste, which spread on the fiesh side of the skin. Foldit lengthwise, the skin being quite moist, and let it remain for two weeks in an airy and shady place; then remove the past, from the surface, wash and dry. When nearly dry, scrape the flesh side of the skin with a crescent-shaped knife. 2. Tell me whether a panther skin can be cured and the hair left on? A. Yes; you may try the same as the above, or simply roll up with salt and alum rubbed well into the fiesh side. Care must be taken to clean off all flesh and fat, and the skin needs to be well pulled and worked by a smooth and blunt tool.

(17) H. S. S. writes: A well is 700 feet rom a house; the land at the well is 25 feet higher than at the house. The well is 35 feet deep. Now, with the pump (common force pump) can water be taken from the well to the house, the pump being at the house? A. It can, 2 Can ice be made on a small scale inexpensively? How? A. No. It requires an expensive (9) F. B. asks: 1. Can you give me a machine. 3. How can drinking water be kept cool in warm climates? A. By placing it in unglazed pots, or in vessels wrapped in wet cloths, in a shaded place exposed to the wind. The evaporation of the exuding moisture cools the water, as practiced in Egypt and the Indies. 4. How can I take ink stains out of linens A. Use a mixture of 2 parts cream of tartar, 1 part alam; pulverize together and make a strong solution in water, saturate the stain for a few minutes and wash. If not entirely removed, a weak solution of oxalic acid may be applied for a minute, and wash.

(18) L. W. asks a receipt to make Worcestershire sauce. A. Mix together 11/2 gallons white wine vinegar, 1 gallon walnut catsup, 1 gallon mushroom catsup, 1/2 gallon Madeira wine, 1/2 gallon Canton soy, 21/2 gallons moist sugar, 19 ounces salt, 3 ounces powdered capsicum, 11/2 ounces chutney, 3/4 ounce each of cloves, mace, and cinnamon, and 61/2 drachms asafætida dissolved in 1 pint brandy, 20 above proof. Boil 2 pounds hog's liver in 1 gallon of water, adding water as required to keep up the quantity,

(19) E. A. L. asks whether borax, and also whether the silicates of sodium and potassium, when fused, are decomposed by an electric current of not more than 20 volts pressure. What compound substances (if any) resist, when fused, a current of above strength? A. An electric current of 20 volts potential will decompose any chemical compound under proper

(20) B. F. M. asks: What facing must be used in moulding brass in order that the castings shall be bright brass color when made? A. Use pulverized charcoal. There is an art in producing bright color in brass castings, independent of the method of moulding. It consists partly in timing the opening of the moulds and quickly cooling the castings in water before they have time to oxidize.

(21) H. E. D. asks: With what size wire should the armature in eight light dynamo (Supplement, No. 600) be wound for plating, and how should the machine be arranged? A. Wind field with No. 8 wire until full and armature with two layers No. 12 wire. Arrange in series.

(22) R. O. desires (1) the best receipts for stove blacking. A. Take 2 parts copperas, 1 part bone black, one of black lead, with sufficient water to make a creamy paste. 2. For stove pipe varnish. A. Take of asphaltum 2 pounds, boiled linseed oil 1 pint, oil of turpentine 2 quarts. Fuse the asphaltum in an iron pot, boil the linseed oil and add while hot, stir well and remove from the fire. When partially cooled, add the oil of turpentine. Some makers add driers.

(23) J. C. S. asks the formula for computing the horse power of ordinary cylindrical steam boilers. A. The nominal horse power of boilers is the effective fire surface in square feet, divided by 12 for large boilers (over 30 horse power) and 14 for small boilers. The effective surface is all the shell exposed to the fire or heat and two-thirds of the tube surface on the fire side.

(24) J G. Y. S. desires (1) the most practical and economical proceeding for taking away the mell, taste, and color from olive oil. A. Add bone or blood charcoal in powder, shake well and filter. 2. A receipt that is practical and economical for making black varnish for machinery and stoves. A. See answer to No. 22.

(25) J. McN. asks how many cells of Fuller's mercury bichromate of potassium battery will

Or substitute vermilion for the lamp black, so as to get ohms each I think, and a clock arranged to open and red divisions. If they are only fine and already filled close the circuit, also how much the battery should be with black, we canonly advise a low-power magnifying increased to operate five bells. A. Five cells would suffice for the first case and eight for the second. Owing to the high resistance of the bells, more battery would be advantageous.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Granted

August 30, 1887,

AND EACH BEARING THAT DATE.

| See note at end of list about copies of these patents.]

Adjustable chair, J. B. Morrison	369,295
Advertising chariot, Vogel & Watson	369,305
Air brake, W. W. Hanscom	
Amalgamator, C. M. Stolle	
Angle iron, manufacture of, J. Davis	
Animal catcher, R. D. Chappell	
Animal stock, D. H. Kathan	
Auger, G. Merdian	
Awning, store, J. W. Persohn	
Ax handles, machine for shaping the shanks of,	
C. E. Sargent	369.262
Axle lubricator, car, C. D. Flynt	
Axle lubricator, car. E. Pynchon	866.369
Axle skein, F. M. Watson	369.142
Axle, vehicle, C. C. Bradley	
Back band hook, A. N. Chandler	
Bag. See Mail bag.	COLINAD
Baling press, C. E. Whitman	369 306
Baling press, L. Wright	
Bar. See Pinch bar.	000,110
Barrel cover, J. Moosburgger	988 957
Battery. See Galvanic battery.	000,001
Bedstead, folding, C. W. Peoble	200 000
Bell cord coupling, C. H. Peters	9 60, 109
Belt fastener, driving, I. Newell	
Belt rest, W. R. Fee	909,119
Binder, temporary, W. D. Ready	960 90%
	300,207
Bit. See Boring bit. Blackboard, S. C. Sessions	200 020
Blind stop, J. Chase	
Blind, window, E. Louderback	303,404
Board. See Compound board. Ironing board.	
Boat. See Sail boat.	
Boiler. See Steam boiler. Wash boiler.	960 040
Books, normalists, etc., leaf, helder, for S. C.	
Books, pamphlets, etc., leaf holder for, S. C.	260 01**
Thompson	
	3 69 , 0 6 8
Boot top and manufacture of the same, J. T.	
Gray	
Boring bit or drill, F. C. Johnson	
Bottle stopper, C. L. Morehouse368,958,	368,959
Bottle stopper extractor, C. D. Quillfeldt	
Bottle wrapper, E. Sherring	
Box. See Cigarette box. Coin box. Fare box.	
Mail box. Metal box.	
Brake. See Air brake. Car brake.	444 440
Brake beam, Susemihl & Pungs	
Brake handle, J. Calmeyen	
Brazing machine, N. H. Roberts	
Brick machine, P. B. Mathiason	
Bricks or tiles, machine for cutting, Burr &	
Stipes	3 6 8,929
Bridle blind, W. W. Ross	369,127
Buckle, J. H. Donahue	
Buckle, harness, Hill & McRae	3 6 9,181
Buckle, shoe, E. H. Alcott	
Bustle, C. W. Higby	369,179
Bustle, C. W. Highy	369,179 36 9,076
Bustle, C. W. Higby	369,179 369,076 369,069
Bustle, C. W. Higby. Button, C. I. Richards. Button attaching machine, Merwin & Bennett Button, cuff, W. F. Gillman.	369,179 369,076 369,069 369,106
Bustle, C. W. Higby. Button, C. I. Richards. Button attaching machine, Merwin & Bennett Button, cuf, W. F. Gillman Button, separable, F. Meyers	369,179 369,076 369,069 369,106 369,201
Bustle, C. W. Higby. Button, C. I. Richards. Button attaching machine, Merwin & Bennett Button, cuff, W. Fl. Gillman Button, separable, F. Meyers. Button setting machine, F. H. Richards	369,179 369,076 369,069 369,106 369,201 369,260
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables.	369,179 369,076 369,069 369,106 369,201 369,260 369,225
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J.	369,179 369,076 369,069 369,106 369,201 369,260 369,225
Bustle, C. W. Higby. Button, C. I. Richards. Button attaching machine, Merwin & Bennett Button, cuff, W. F. Gillman Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor.	369,179 369,076 369,069 369,106 369,201 369,260 369,223
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot.	369,179 369,076 369,069 369,106 369,201 369,260 369,225 369,070 369,054
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. Fl. Gillman Button, separable, F. Meyers. Button setting machine, F. H. Richards Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor Calendar, J. A. Guyot Camera stand, T. Powers	369,179 369,076 369,069 369,106 369,201 369,260 369,225 369,070 369,054
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett Button, cuff, W. F. Gillman Button, separable, F. Meyers Button setting machine, F. H. Richards Button, tuft, or ornament, H. A. Cables Buttons, machine for punching and trimming, J. Naylor Calendar, J. A. Guyot Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can.	369,179 369,076 369,069 369,106 569,201 369,260 369,226 369,070 369,054 369,124
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett Button, cuff, W. F. Gillman Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables Buttons, machine for punching and trimming, J. Naylor Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer	369,179 969,076 369,069 869,106 369,201 369,250 369,228 369,070 369,034 369,124
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. Fl. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button setting machine, F. H. Richards. Buttons, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns.	369,179 369,076 369,069 369,106 369,201 369,226 369,225 369,070 369,124 369,124 369,159
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett Button, separable, F. Meyers. Button setting machine, F. H. Richards Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns Car coupling, H. S. & I. Covert	369,179 969,076 869,069 869,106 369,201 369,223 369,223 369,223 369,124 369,188 369,189 369,232
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowiton.	369,179 369,076 369,069 363,069 369,201 369,230 369,223 369,070 369,034 369,124 369,108 369,129 369,232 369,291
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. Fl. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button setting machine, F. H. Richards. Buttons, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car ornake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton.	369,179 369,076 369,069 369,166 369,260 369,223 369,770 369,154 369,124 369,124 369,124 369,129 369,232 369,232 369,292
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. Fl. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button setting machine, F. H. Richards. Buttons, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, G. W. Lewton. Car coupling, Lorraine & Aubin.	369,179 369,076 369,076 369,201 369,220 369,223 369,223 369,124 369,124 369,125 369,126 369,126 369,129 369,232 369,292 369,291 369,291
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett Button student was a specific machine, Merwin & Bennett Button, cuff, W. F. Gillman Button, separable, F. Meyers. Button setting machine, F. H. Richards Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor Calendar, J. A. Guyot Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car coupling, H. S. & I. Covert Car coupling, H. S. & I. Covert Car coupling, C. H. Knowlton Car coupling, C. W. Lewton Car coupling, Lorraine & Aubin Car coupling, C. F. H. Weisse	369,179 369,076 369,069 369,201 369,201 369,223 369,070 369,054 369,184 369,184 369,185 369,282 369,291 369,066 369,195 369,269
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis.	369,179 569,076 369,076 369,010 369,201 369,223 369,223 369,124 369,124 369,124 369,124 369,124 369,126 369,291 369,291 369,066 369,126 369,126 369,126
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. Fl. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood.	369,179 369,076 369,069 363,106 369,201 369,223 369,223 369,124 369,184 369,184 369,195 369,291 369,291 369,291 369,195 369,269 369,068
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, suff, W. Fl. Gillman Button, separable, F. Meyers. Button setting machine, F. H. Richards Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor Calendar, J. A. Guyot Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, Lorraine & Aubin Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood Car platform, Livingston & Smith	369,179 \$69,076 \$69,076 \$69,076 \$69,201 \$69,201 \$69,223 \$69,024 \$69,124 \$69,124 \$69,124 \$69,124 \$69,232 \$69,232 \$69,232 \$69,249 \$69,269 \$69,195 \$69,269
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross.	369,179 369,069 369,009 369,106 369,201 369,223 369,723 369,124 369,124 369,134 369,139 369,232 369,966 369,195 369,196 369,196 369,196 369,196 369,196 369,196 369,196 369,196 369,196
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, G. W. Lewton. Car coupling, Lorraine & Aubin. Car coupling, Lorraine & Aubin. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard.	369,179 369,076 369,069 369,201 369,201 369,223 369,223 369,124 369,124 369,159 369,232 369,066 369,195 369,292 369,066 369,195 369,269 369,269 369,269 369,269
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. Fl. Gillman Button, separable, F. Meyers. Button setting machine, F. H. Richards Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor Calendar, J. A. Guyot Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car coupling, H. S. & I. Covert Car coupling, C. H. Knowlton Car coupling, C. W. Lewton Car coupling, C. F. H. Weisse Car, dumping, W. L. Davis Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard Car starter, D. Lynch	369,179 \$68,076 \$68,076 \$68,010 \$69,201 \$69,203 \$69,220 \$69,070 \$69,670 \$69,184 \$69,184 \$69,184 \$69,185 \$69,232 \$69,232 \$69,251 \$69,269 \$69,291 \$69,269 \$69,291 \$69,269 \$69,291 \$69,269 \$69,291 \$69,269
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. Fl. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, D. Lynch. Car starter, D. Lynch. Car starter, L. W. Sheldon.	369,179 369,069 369,009 369,106 369,201 369,223 369,223 369,124 369,124 369,124 369,124 369,291 369,292 369,291 369,299 369,199 369,199 369,199 369,199 369,199 369,199 369,199 369,199 369,199 369,199 369,199 369,199
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car step, L. W. Sheldon. Cars, end gate for coal, D. McKinley.	369,179 369,076 369,069 369,106 369,201 369,223 369,070 369,034 369,124 369,159 369,232 369,108 369,232 369,269 369,292 369,066 369,195 369,269
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. Fl. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button setting machine, F. H. Richards. Buttons, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, C. H. Knowlton. Car coupling, Lorraine & Aubin. Car coupling, Lorraine & Aubin. Car coupling, C. F. H. Weisse. Car, dumping, W. I. Davis. Car, freight, J. W. & C. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, oldding and swinging gate for railway, J. B.	369,179 369,076 369,069 363,106 369,201 369,223 369,223 369,124 369,124 369,124 369,123 369,129 369,269 369,291 369,291 369,191 369,291 369,269 369,195 369,269 369,195 369,269 369,195 369,196 369,191 369,191 369,191 369,191 369,191
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & O. H. Aregood. Car starter, M. G. Hubbard. Car starter, D. Lynch. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin.	369,179 369,069 369,009 369,106 369,201 369,223 369,223 369,124 369,124 369,124 369,128 369,291 369,299 369,299 369,102 369,299 369,102 369,299 369,103 369,299 369,103 369,299 369,103 369,299 369,103 369,299 369,103 369,299 369,103
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, D. Lynch. Car send gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway,	369,179 369,076 369,009 369,106 369,201 369,223 369,070 369,034 369,124 369,124 369,169 369,232 369,066 369,193 369,292 369,066 369,195 369,291 369,068 369,292 369,088 369,293 369,088 369,293 369,088 369,293 369,088
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button setting machine, F. H. Richards. Buttons, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car ocupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car step, L. W. Sheldon. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post.	369,179 368,069 363,106 369,201 369,201 369,223 369,723 369,124 369,124 369,124 369,169 369,232 369,291 369,292 369,291 369,291 369,195 369,292 369,195 369,298
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, C. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. I. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, colding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post Cars, weed cutting attachment for railway, C. W.	369,179 369,076 369,009 369,106 369,201 369,223 369,223 369,723 369,124 369,124 369,124 369,124 369,129 369,291 369,291 369,291 369,291 369,102 369,292 369,292 369,102 369,102 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103 369,103
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell	369,179 369,069 369,009 369,106 369,201 369,223 369,070 369,034 369,124 369,134 369,124 369,169 369,232 369,066 369,195 369,096 369,191 369,083 369,291 369,083 369,291 369,083 369,294 369,088 369,298 369,298
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car step, L. W. Sheldon. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E.	369,179 369,076 369,069 369,106 369,201 369,203 369,223 369,124 369,124 369,159 369,232 369,969 369,232 369,969 369,232 369,068 369,195 369,269 369,195 369,269 369,195 369,269 369,269 369,269 369,282 369,282 369,282 369,084
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, C. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. I. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, colding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth.	369,179 369,076 369,009 369,106 369,201 369,223 369,226 369,124 369,124 369,124 369,124 369,124 369,129 369,291 369,291 369,291 369,102 369,292 369,291 369,102 369,102 369,103 369,293 369,103 369,293 369,293 369,293 369,293 369,293 369,293 369,293 369,293 369,293 369,293 369,293 369,293 369,393 369,293
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Car set, I. W. Sheldon. Cars, end gate for coal, D. McKinley. Cars, operating device for the windows of railway, J. W. Post. Cars, operating device for the windows of railway, J. W. Post. Cars, operating device for the windows of railway, J. W. Post. Cars, deed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew.	369,179 369,076 369,009 369,106 369,201 369,223 369,223 369,023 369,124 369,134 369,134 369,134 369,139 369,232 369,066 369,195 369,269 369,195 369,269 369,195 369,269 369,195 369,269 369,195 369,269 369,195 369,269 369,195 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,271 369,403
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, cond gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew.	369,179 369,076 369,009 369,106 369,201 369,223 369,223 369,023 369,124 369,134 369,134 369,134 369,139 369,232 369,066 369,195 369,269 369,195 369,269 369,195 369,269 369,195 369,269 369,195 369,269 369,195 369,269 369,195 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,269 369,271 369,403
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, C. W. J. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpetsweeper, W. J. Drew. Carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Trace carrier.	369,179 369,069 369,009 369,106 369,201 369,220 369,223 369,124 369,124 369,124 369,124 369,124 369,128 369,291 369,291 369,291 369,291 369,191
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, D. Lynch. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, operating device for the windows of railway, J. W. Post. Cars weed cutting attachment for railway, J. B. Goodwin. Cars, end engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Tace carrier. Cash and package carrier, H. M. Weaver.	369,179 369,076 369,009 369,106 369,201 369,223 369,223 369,124 369,124 369,124 369,128 369,299 369,199 369,199 369,108 369,299 369,102 369,269 369,102 369,269 369,102 369,269 369,102 369,269 369,102 369,269 369,108 369,289 369,299 369,004 369,289 369,218
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpets weeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier. H. M. Weaver. Cash carrier, W. L. Walker.	369,179 369,076 369,099 369,106 369,201 369,223 369,070 369,034 369,124 369,159 369,232 369,066 369,195 369,292 369,066 369,195 369,209
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car ocupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, Lorraine & Aubin. Car coupling, Lorraine & Aubin. Car coupling, Lorraine & Aubin. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car step, L. W. Sheldon. Cars, one gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpier, See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Walker.	369,179 369,076 369,069 363,106 369,201 369,203 369,223 369,720 369,154 369,154 369,169 369,232 369,291 369,292 369,291 369,109 369,292 369,109 369,109 369,109 369,292 369,209 369,109 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209 369,209
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & O. H. Aregood. Car starter, M. G. Hubbard. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, operating device for the windows of railway, J. B. Goodwin. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carplets weeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash register and indicator, M. R. Longacre.	369,179 369,076 369,009 369,106 369,201 369,223 369,223 369,124 369,124 369,124 369,128 369,291 369,066 369,129 369,109 369,129 369,108 369,289 369,109 369,108 369,289 369,109 369,108 369,289 369,109 369,289 369,109 369,289 369,109 369,289 369,109 369,289 369,109 369,289 369,109 369,289 369,109 369,289 369,109 369,118 369,289
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. I. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpets weeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash register and indicator, M. R. Longacre. Casterr, W. Livingtone. Catarrh remedy, W. H. Thomas.	369,179 369,069 369,106 369,201 369,201 369,223 369,070 369,034 369,124 369,159 369,232 369,066 369,195 369,269 369,269 369,269 369,269 369,271 369,047 369,284 369,398 369,298 369,298 369,298 369,398 369,298
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, conding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carpletsweeper, W. J. Drew. Carpletsweeper, W. J. Drew. Carpletsweeper, W. J. Drew. Carpletsweeper, W. J. Drew. Carshand package carrier. Cash and package carrier. Sheaf carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Sheaf carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Sheaf carrier. Sheaf	369,179 369,076 369,069 369,106 369,201 369,223 369,723 369,124 369,159 369,232 369,159 369,232 369,269 369,291 369,066 369,195 369,292 369,088 369,292 369,294 369,298 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, C. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. I. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, D. Lynch. Car step, L. W. Sheldon. Cars, end gate for coal, D. McKinley. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpletsweeper, W. J. Drew. Carner, Sheaf carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier, B. Larden. Cash carrier, W. L. Walker. Cash carrier, Be Adjustable chair. Rail chair. Re-Chair, watch, H. Fritsche. Chair, See Adjustable chair. Rail chair.	369,179 369,076 369,069 369,106 369,201 369,223 369,723 369,124 369,159 369,232 369,159 369,232 369,269 369,291 369,066 369,195 369,292 369,088 369,292 369,294 369,298 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294 369,294
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, operating device for the windows of railway, J. W. Post. Cars, were cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash register and indicator, M. R. Longacre. Caster, W. Livingstone. Catarrh remedy, W. H. Thomas. Chain, watch, H. Fritsche. Chair. See Adjustable chair. Rail chair. Recining chair.	369,179 369,076 369,099 369,106 369,201 369,223 369,070 369,031 369,124 369,134 369,124 369,139 369,232 369,066 369,193 369,218 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,383 369,183 369,271 369,063
Bustle, C. W. Higby. Button, C.I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car stept, L. W. Sheldon. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Cars ener. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, W. L. Walker. Cash register and indicator, M. R. Longacre. Casterr, See Adjustable chair. Rail chair. Reclining chair.	369,179 369,076 369,099 369,106 369,201 369,223 369,070 369,031 369,124 369,134 369,124 369,139 369,232 369,066 369,193 369,218 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,284 369,383 369,183 369,271 369,063
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, W. I. Davis. Car, freight, J. W. & G. H. Aregood. Car, dumping, W. I. Davis. Car, Butter, M. G. Hubbard. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, cloding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash carrier, M. R. Longacre. Casher, W. Livingtone. Catarrh remedy, W. H. Thomas. Chain, watch, H. Fritsche. Chair, See Adjustable chair, Rail chair, Reclining chair. Chairs, spring for base rocking, A. B. Stevens Chopper. See Cotton chopper.	369,179 369,069 369,009 369,106 369,201 369,223 369,223 369,124 369,124 369,124 369,124 369,123 369,291 369,291 369,066 369,129 369,108 369,291 369,108 369,291 369,108 369,291 369,066 369,129 369,071 369,081 369,291 369,018 369,294 369,039 369,113 369,039 369,211 369,047
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, were cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Beaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash register and indicator, M. R. Longacre. Caster, W. Livingstone. C	369,179 369,076 369,201 369,201 369,223 369,203 369,223 369,023 369,124 369,134 369,134 369,134 369,139 369,232 369,066 369,195 369,066 369,195 369,259 369,218 369,259 369,259 369,271 369,069 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,236 369,236 369,237 369,236
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, W. I. Davis. Car, freight, J. W. & G. H. Aregood. Car, dumping, W. I. Davis. Car, Butter, M. G. Hubbard. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, cloding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash carrier, M. R. Longacre. Casher, W. Livingtone. Catarrh remedy, W. H. Thomas. Chain, watch, H. Fritsche. Chair, See Adjustable chair, Rail chair, Reclining chair. Chairs, spring for base rocking, A. B. Stevens Chopper. See Cotton chopper.	369,179 369,076 369,201 369,201 369,223 369,203 369,223 369,023 369,124 369,134 369,134 369,134 369,139 369,232 369,066 369,195 369,066 369,195 369,259 369,218 369,259 369,259 369,271 369,069 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,234 369,236 369,236 369,237 369,236
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, were cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Beaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash register and indicator, M. R. Longacre. Caster, W. Livingstone. C	369,179 369,076 369,099 369,106 369,201 369,223 369,070 369,034 369,124 369,159 369,232 369,066 369,195 369,292 369,066 369,195 369,209
Bustle, C. W. Higby. Button, C.I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. I. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpetsweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash arrier, W. L. Walker. Cash register and indicator, M. R. Longacre. Casher, W. Livingtone. Catarrh remedy, W. H. Thomas. Chain, watch, H. Fritsche. Chair. See Adjustable chair. Rail chair. Reclining chair. Chairs, spring for base rocking, A. B. Stevens. Chopper. See Cotton chopper. Chuck jaw, J. M. Palmer. Cigar bunching machine, M. A. Winget.	369,179 369,069 369,201 369,201 369,220 369,223 369,720 369,634 369,124 369,124 369,124 369,124 369,124 369,128 369,291 369,291 369,291 369,102 369,292 369,292 369,291 369,066 369,129 369,102 369,298 369,102 369,298 369,298 369,298 369,298 369,298 369,298 369,113 369,298 369,298 369,298 369,298 369,193
Bustle, C. W. Higby. Button, C.I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. I. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpets weeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash register and indicator, M. R. Longacre. Casher, W. Livingtone. Caster, W. Livingtone. Caster, W. Livingtone. Caster, W. H. Thomas. Chain, watch, H. Fritsche. Chair, See Adjustable chair, Rail chair. Reclining chair. Chairs, spring for base rocking, A. B. Stevens. Chopper. See Cotton chopper. Chuck jaw, J. M. Palmer. Cigar bunching machine, M. A. Winget. Cigar bunching machine, M. A. Winget. Cigarette box, Kinney & Butler. Clasp of buckle, J. R. Macmillan.	369,179 369,076 369,099 369,106 369,201 369,223 369,070 369,034 369,124 369,159 369,232 369,066 369,199 369,232 369,066 369,199 369,249 369,269 369,269 369,269 369,271 369,047 369,284 369,389 369,298 369,298 369,399 369,298 369,399 369,271 369,047
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Benneté. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car signal, cable, A. E. Cross. Car starter, M. G. Hubbard. Car starter, D. Lynch. Car set, I. W. Sheldon. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash engister and indicator, M. R. Longacre. Cash arrier, W. L. Walker. Cash engister and indicator, M. R. Longacre. Cash carrier, See Adjustable chair. Rail chair. Reclining chair. Chair, See Adjustable chair. Rail chair. Reclining chair. Chair, spring for base rocking, A. B. Stevens. Chopper. See Cotton chopper. Chuck jaw, J. M. Palmer. Cigar bunching machine, M. A. Winget. Cigar bunching machine, M. A. Winget. Cigar bunching machine, M. A. Winget. Cigar bunching machine, M. C. Caswell.	369,179 369,076 369,099 369,106 369,201 369,223 369,070 369,034 369,124 369,159 369,232 369,066 369,199 369,232 369,066 369,199 369,249 369,269 369,269 369,269 369,271 369,047 369,284 369,389 369,298 369,298 369,399 369,298 369,399 369,271 369,047
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Benneté. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, operating device for the windows of railway, J. W. Post. Cars, operating device for the windows of railway, J. W. Post. Cars, we cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash carrier, W. L. Walker. Cash carrier, W. L. Walker. Cash carrier, Reaf carrier. Trace carrier. Cash nand package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash carrier, W. L. Walker. Cash register and indicator, M. R. Longacre. Cash carrier, See Cash carrier. Rail chair. Reclining chair. Chair, spring for base rocking, A. B. Stevens. Chopper. See Cotton chopper. Chuck jaw, J. M. Palmer. Cigar bunching machine, I. C. Caswell. Cigar bunching, W. W. Wallace. Cleaner. See Peanut cleaner.	369,179 369,076 369,009 369,106 369,201 369,223 369,223 369,023 369,124 369,134 369,134 369,139 369,232 369,066 369,193 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,240 369,133 369,133 369,133 369,133 369,133 369,133 369,133 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163
Button, C. I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, C. W. J. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, operating device for the windows of railway, J. W. Post. Cars weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpletsweeper, W. J. Drew. Carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash carrier, Rea for base rocking, A. B. Stevens. Chopper. See Cotton chopper. Chuck jaw, J. M. Palmer. Cligar bunching machine, I. C. Caswell. Clag or buckle, J. R. Macmillan. Clay crusher, W. W. Wallace.	369,179 369,076 369,009 369,106 369,201 369,223 369,223 369,023 369,124 369,134 369,134 369,139 369,232 369,066 369,193 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,240 369,133 369,133 369,133 369,133 369,133 369,133 369,133 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163
Bustle, C. W. Higby. Button, C. I. Bichards. Button attaching machine, Merwin & Benneté. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer. Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, operating device for the windows of railway, J. W. Post. Cars, operating device for the windows of railway, J. W. Post. Cars, we cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash carrier, W. L. Walker. Cash carrier, W. L. Walker. Cash carrier, Reaf carrier. Trace carrier. Cash nand package carrier, H. M. Weaver. Cash carrier, W. L. Walker. Cash carrier, W. L. Walker. Cash register and indicator, M. R. Longacre. Cash carrier, See Cash carrier. Rail chair. Reclining chair. Chair, spring for base rocking, A. B. Stevens. Chopper. See Cotton chopper. Chuck jaw, J. M. Palmer. Cigar bunching machine, I. C. Caswell. Cigar bunching, W. W. Wallace. Cleaner. See Peanut cleaner.	369,179 369,076 369,009 369,106 369,201 369,223 369,223 369,023 369,124 369,134 369,134 369,139 369,232 369,066 369,193 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,249 369,108 369,240 369,133 369,133 369,133 369,133 369,133 369,133 369,133 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163 369,163
Bustle, C. W. Higby. Button, C.I. Richards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, G. W. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car platform, Livingston & Smith Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, end gate for coal, D. McKinley. Cars, folding and swinging gate for railway, J. B. Goodwin. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpet sweeper, W. J. Drew. Carrier. See Cash carrier. Cash and package carrier, B. M. Weaver. Cash carrier, W. L. Walker. Cash register and indicator, M. R. Longacre. Casher, W. L. Walker. Cash register and indicator, M. R. Longacre. Caster, W. L. Walker. Cash register and indicator, M. R. Longacre. Caster, W. L. Walker. Cash register and indicator, M. R. Longacre. Caster, W. L. Walker. Cash register and indicator, M. R. Longacre. Caster, W. L. Walker. Cash register and indicator, M. R. Longacre. Caster, W. L. Walker. Cash register and indicator, M. R. Longacre. Caster, W. L. Walker. Cash register and indicator, M. R. Longacre. Caster, W. L. Walker. Cash register and indicator, M. R. Longacre. Caster, W. Livingtone. Chair, See Adjustable chair. Rail chair. Recilining chair. Chairs, spring for base rocking, A. B. Stevens. Chopper. See Cotton chopper. Chuck jaw, J. M. Palmer. Cigar bundling machine, M. A. Winget. Cigar bundling machine, M. A. Winget. Cigar bundling machine, M. A. Winget. Cleaner. See Peanut cleaner. Clock, calendar, E. W. Morton.	369,179 369,076 369,009 369,106 369,201 369,220 369,223 369,124 369,124 369,124 369,124 369,124 369,124 369,128 369,291 369,291 369,291 369,191 369,293 369,191 369,294 369,298 369,191 369,294 369,298 369,193
Bustle, C. W. Higby. Button, C.I. Bichards. Button attaching machine, Merwin & Bennett. Button, cuff, W. F. Gillman. Button, separable, F. Meyers. Button setting machine, F. H. Richards. Button, tuft, or ornament, H. A. Cables. Buttons, machine for punching and trimming, J. Naylor. Calendar, J. A. Guyot. Camera stand, T. Powers. Can. See Laster's tack can. Oil or gasoline can. Can opener, W. J. Hammer Car brake, S. A. Burns. Car coupling, H. S. & I. Covert. Car coupling, C. H. Knowlton. Car coupling, C. W. J. Lewton. Car coupling, C. F. H. Weisse. Car, dumping, W. L. Davis. Car, freight, J. W. & G. H. Aregood. Car starter, M. G. Hubbard. Car starter, M. G. Hubbard. Car starter, D. Lynch. Cars, operating device for the windows of railway, J. W. Soodwin. Cars, weed cutting attachment for railway, J. W. Post. Cars, weed cutting attachment for railway, C. W. Wardwell Carding engines, cleaning apparatus for, G. & E. Ashworth. Carpier, W. L. Walker. Cash carrier. See Cash carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Trace carrier. Cash carrier, W. L. Walker. Cash carrier, W. L. Malker. Cash carrier, Beaf carrier. Cash and package carrier, Sheaf carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier. Sheaf carrier. Cash and package carrier, H. M. Weaver. Cash carrier, W. L. Malker. Cash carrier, W. L. Malker. Cash carrier, W. L. Malker. Cash carrier, W. L. R. Longacre. Caster, W. Livingtone. Chair. See Adjustable chair. Rail chair. Reclining chair. Chair. See Cotton chopper. Chuck jaw, J. M. Palmer. Chair. See Cotton chopper. Chuck jaw, J. M.	369,179 369,069 369,106 369,201 369,220 369,223 369,124 369,124 369,124 369,128 369,299 369,109 369,299 369,102 369,209 369,102 369,209 369,102 369,209 369,102 369,209 369,102 369,209 369,102 369,209 369,102 369,209 369,102 369,209 369,102 369,209 369,103 369,211 369,218 369,234 369,238 369,238 369,338 369,338 369,338 369,338 369,338 369,338 369,338 369,633 369,133

heat and for other purposes, N. J. Clayton 369,099

Composition to be used as a non-conductor of

Comb. See Music box comb.