Inquiry No. 441.—For manufacturers of paste-board cans for baking powder. Inquiry No. 442.—For manufacturers of insulated

Inquiry No. 443.--For machinery for the manufacture of brickets as fuel.

Inquiry No. 444.—For manufacturers of patent novelties of malleable iron castings, also parties to line same with porcelain.

Inquiry No. 445.—For manufacturers of slot machines, such as scales, moving pictures, etc.

Inquiry No. 446.—For machines for cutting to acco for making cigarettes; the tobacco to be granu-

Inquiry No. 447.—For information concerning machines for rolling cigarettes. The paper is straw paper, not gummed, but turned in at the ends.

Inquiry No. 448.—For manufacturers of steel spiral belting and small spiral springs.

Inquiry No. 449.—For manufacturers of visco and like substances.

Inquiry No. 450.—For manufacturers of electric cigar lighters; the overhead form suspended by conducting cords preferred.

Inquiry No. 451.—For parties to manufacture brand-new machine much in demand.

Inquiry No. 452.— For manufacturers of hand sewing machines, usually sold as useful toys.

Inquiry No. 453.--For parties to make sheep calls to be used in a wolf trap. Inquiry No. 454.—For manufacturers of cowmilking machine.

Inquiry No. 455.-For rubber balloons of about one meter in diameter.

Inquiry No. 456.—For dealers in silk-worm gut for use in fishing tackle. Inquiry No. 457.—For manufacturers of machines for making fish nets.

Inquiry No. 458.-For manufacturers of peat-pressing machines. Inquiry No. 459.-For parties controlling plants for the manufacture of peat into paper.

Inquiry No. 460.—For manufacturers of outfits for canning factories.

Inquiry No. 461.-For the manufacturer of the



HINTS TO CORRESPONDENTS.

Names and Address must accompany all letters 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 This is for our information and not for publication.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.

his turn.

Buyers wishing to purchase any article not advertised in our columns will be furnished with addresses of houses manufacturing or carrying the same the same.

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.

Minerals sent for examination should be distinctly marked or labeled.

found which was written by Noah. We scarcely can expect to find anything belonging to his There have been found, however, cuneiform tablets recording the stories of the Creation, Deluge, erection of Babel, etc., written by the Babylonians and translated in Assyrian These record very closely resemble the Biblical account as recorded in Genesis. If you are interested in the subject, you can secure a book recently published, "The Monuments and the Old Testament," by Ira M. Price, published by the Christian Culture Press. The price is about \$1.25. Another work on the subject is "The Higher Criticism and the Monuments," by A. H. Savre.

(8163) O. B. M. asks: Will you kindly inform some of your readers if the modern in candescent gas light is injurious to the eyesight, or unfit to work by at night, as draught ing, using colors, etc.; also as to best light globes, shades, etc.? A. The incandescent gas light cannot be any more injurious to the eye than any other light of equal brightness. should not be used near to the eve without a shade. All artificial light is injurious to the eye, if improperly used. The practice of the fathers to go to bed at dusk, or, at any rate, to sit with the light of the fireplace only, was better for the eye than our manner of turning night into day. An opal shade is the best white shade for any lamp, which is used for lighting a large space like a drawing board.

(8164) M. H. asks: What is a telephonograph? I would like to know where they are offered for sale, and at what prices, and the differences between them and the or dinary concert phonographs with the extra large wax cylinders? A. The telephonograph is a very different instrument from the ordinary phonograph. It has been the subject of several articles in the Supplement, under the name "Telegraphone." See Supplement Nos. 1286 and 1307, price ten cents each. The instrument has no wax cylinder, no style to scrape along the indentations made for it, and is said to reproduce the sound with a perfect preservation of its quality without any metallic or harsh tones added. We do not think it is yet for sale in this country.

#### INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending

APRIL 9, 1901,

AND EACH BEARING THAT DATE [See note at end of list about copies of these patents.]

Minerals sent for examination should be distinctly		
marked or labeled.	Acid, producing acetylsalicylic, L. Lederer. Advertising or displaying device, luminous, J. T. F. Conti	671,769
(8160) H. P. asks: 1. At what degree	J. T. F. Conti	671,538
of heat do cast iron, steel, plannum, brass, and	Alloy, J. E. Hewitt	671,595
wrought iron become cherry red; also degree	Ammunition box, H. W. Daly  Animal trap, G. Malling  Annunciator, D. Rousseau	671,817
at which they fuse? A. The metals you name	Annunciator, D. Rousseau	671,776
become cherry red at 1,400 deg. F. Cast iron	Automobile gearing, F. L. Dyer	671,721
melts at 2,250 deg.; steel, 2,500 deg.; plati-	Automobile vehicle, Warren & Hollman Automobiles, variable speed reversing drive	671,532
num, 3,500 deg.; brass, various, 1,400 to 1,600 deg.; wrought iron, 2,700 deg. 2. Is there any	Automobiles, variable speed reversing drive for, W. L. Judson	671,673
other metal or alloy that will stand more heat	Axle boxes, temperature alarm and indi- cator for car, R. G. Callum	671,813
than the foregoing? A. There is no available	Bags, etc., securing device for, S. P.	671,847
metal that will stand more heat than platinum.	Grant	671,589 671,918
(8161) C. W. C. asks: Will you ex-	Bailing press, H. L. Duncan	671,940 671,581
plain how the earth can be proved to rotate	Bars, etc., mechanism for shifting and	- 1
on its axis by the use of the pendulum? A. If	separating, S. V. Huber	671,868
a ball of lead or other heavy metal be hung	Bed bottom support, L. W. Welch Bed box sofa, C. Buhner	671,843 671,906
by a long wire from a firm support, it may be	Bell, E. D. Rockwell	671,924 671,767
swung as a pendulum and will maintain its swing in the same plane in space, independent	Bertb, ship's, H. Kaiser Bicycle brake, C. K. Davis	671,435
of the earth. Such a ball hung over the north	Bicycle changeable gear, safety, J. W.	
pole would swing toward the same point of	Cromer Bicycle dress guard, L. D. Cooley Boat, life, C. F. Sultemeyer. Bobbin helder, J. E. Bacon Bollers See Steam boiler, Water tube	671,816
space as long as it continued to swing. If it	Bobbin helder, J. E. Bacon	671,744
could swing for 24 hours it would swing to-	boller.	
ward all points of the horizon during that time, because of the rotation of the earth. In	Boiler tube sheet, J. C. Spiers Boiles, automatic regulator for steam, R.	671,782
our latitude the south end of the swing will		
deviate from a north-and-south line about 9	Belt. See Lock bult. Bult holder, H. Stade	671,872
deg. an hour. A ball of lead of 20 pounds'	Booster Crusher, Flatischer & Bedell	011,400
weight, hung by a piano wire 40 feet long and	Boot or shoe, J. E. Jackson	671,518
set swinging in a north-and-south direction, should show the deviation in ten minutes.	Boot or shoe, J. E. Jackson Bottle attachment, ink, I. Schoen Bottle closure, A. W. Weber Bottle, glass, R. J. Kirkland Bottle, non refillable, F. B. Hooper Bottle, non refillable, C. A. Stewart, Jr Bottle, non refillable, E. Brielmayer Bottle, non refillable, E. T. Evans.	671,784
This could not be, if the earth were not turn-	Bottle, non refillable, F. B. Hooper	671,597
ing on its axis from west to east. To set the	Bottle, non refillable, A. Brielmayer	671,753
pendulum swinging, tie a thread to the bail,	Bottle, non refillable, E. T. Evans	671,880 671,897
draw the ball back as far as desired, and tie	Box cover, auxiliary, M. Meyer	671,833
the thread to some convenient support. When the vibrations of the ball have died out, burn	Box, J. Selle.  Box cover, auxiliary, M. Meyer.  Brake apparatus, J. E. Anger.  Brake beam, P. T. Handiges.  Brake beam, J. H. Baker.	671,552
the thread with a match, and the pendulum	Brake beams, apparatus for making metal- lic, T. E. Carliss.	6/1,/45
will begin to swing without any jar or other	lic, T. E. Carliss Brake beams, making metallic, T. E. Car-	671,537
inequality in its motion, which would cause	Brake block, G. Gumpel	671,536 671,860
the pendulum to swing in other than a straight	Bridge superstructure, R. Petersen	671.9231
line back and forth, and ruin the experiment. This experiment was first performed by Fou-	Brush, W. A. Eldredge	671,873
cault in Paris at the Pantheon, but has since	son	671,616
been repeated in many places. See SUPPLE-	Button making machine, E. W. Silsby	671,870
MENT No. 627, price ten cents.	son Button making machine, E. W. Silsby Can opener and knife and fork, combined tin, F. Wattne. Cans, jars, etc., apparatus for seating and	671,740
(8162) E. E. B. says: The fact that I	sealing covers on, E. K. Lemigweit	011,930
have been a subscriber and reader of the	Candy mold, H. Staub	671,501 671,874
SCIENTIFIC AMERICAN for the past 23 years is	Cane sling tripping attachment, L. H. Avet. Canister, soap, C. D. Kendall Car brake, automatic freight operating, W.	
the only excuse I offer for the following question. On page 515 of appendix of a work en-	H. Sauvage	671,635
titled "Buried Cities Recovered, or Explora-	Car, convertible railway, J. A. Brill Car door, hopper lottom, G. I. King	671,852
tions in Bible Lands," by Frank S. DeHaas,	Car door, hopper lottom, G. I. King Carbonator, Collins & Griscom	671,705
D.D., fifth edition with appendix, published by	Car door, nopper bottom, G. I. King	671,454 671,575
Bradley, Garrettson & Co., Philadelphia, in	Case, See Mandolin case.	671 400
1884, I find stated that a Mr. Rassam has dis-	Casket handle, E. R. Sargent	011,200
covered at the remains of the antediluvian city of Balawat, in the Euphrates Valley, a stone		
or terra-cotta chest containing tablets of an-	Chair seat, W. Weill	671,742
tedlluvian history written by Noah. Is this	Chuck for mandrels of turning lathes, F.	071 005
statement true? A. Nothing has ever been	Chuck wrench, E. T. Warn	671,461



## TES. SEBASTIAN LATHE CO 2002 VINERALS

### Queen Transits and Levels High Grade Instruments with the Latest Improvements.

180 page Engineering
THE QUEEN

THE QUEEN

200 page Mathematical Catalogue on application.

OUEEN & CO., Optical and Scientific distrument Works, 59 Fifth Ave., New York. 1010 Chestnut St., Phila

There is never any question about the quality of a

#### **B. F. BARNES** UPRICHT DRILL

The tool here illustrated is our 20-inch Drill. and we guarantee it to drill up to 1 incn in steel and 1½ inch in cast iron at a good gait and without strain. We at a good gait and without set abuild larger sizes and will be glad send full data on our entire line to interested people.

B. F. BARNES CO., Rockford, Ill.

#### PERFECT - PUMP - POWER



TABER ROTARY PUMPS They are mechanical, simple and durable. Will pump hot or cold fluid, thin orthick. Requires no skilled mechanic. Most power at least cost. All parts interchangeable. Made of iron, steel or bronze. Can be driven by belt, motor or en-

gine attachment. Large Mustrated Catalogue free. TABER PUMP CO., 32 Wells St., Buffalo, N.Y., U. S. A.

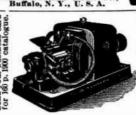
# Gold Stocks Free

Just to introduce our big western weekly mining paper (7th year) we will send a block of 5 shares full paid and non-assessable in a Cripple Creek Gold Mine Free. You must send us 50c. cash or stamps for a 6 months' trial sub. to our illustrated weekly paper. Cubs of 5 or more 40c. each. Full mining news, Certificates sent by return mail issued to you. Cripple Creek is a world-beat. Address ROCKY MOUNTAIN MINER (Inc.), Denver, Colo.

# IMPROVED GASOLINE BURNER Gas is admitted through circular siots instead of perforations. It is fitted with pilot light. Can he left hurning any length of time. Carriage is always ready to start. This burner is a quick steamer, gives a hine fiame, and will not light or blow back. Is fitted with automatic fier regular shauts gas of from main hurner at any desired

lator which shuts gas off from main hurner at any desire pressure. FRANK MILNE, Everett, Mass.

FOR VEHICLE AND MARINE PURPOSES
Nothing better or more economics
than our four-cylinder motors. Posess every known point of excellenc
Durable in every part. Detachable igniters, heavy bearings and sbifting spark, waterjacketed head, runs any speed
from 100 to 1500 per minute.
4½ to 10 H. P. Fully guarantee.
Ground joints throughout. Buffalo Gasoline Motor Co., Buffalo, N. Y., U. S. A. Apply for Catalogue



NICKEL **Electro-Plating** Apparatus and Material Hanson & Van Winkle

For MARINE, VEHICLE and BICYCLE MOTORS,

with Working Drawings. LOWELL MODEL CO., 22 Wiggin St., Lowell, Mass



Cigarette machine, N. Du Brul Cigarettes, manufacture of mouthpiece, E. T. Gilliland. Cistern cleaner, G. Latchem. Clamp. See Cultivator tooth clamp. Clamp and bench dog, J. F. Sipple. Clothes tongs, L. W. Myers. Clothes wringer, H. G. Anderson. Clutch shipper, C. W. Levalley. Cock, plug, H. J. Krebs. Cock with removahle valve, compression, E. G. Hedges. Condenser, A. Snyder. Corn husking machine, E. F. Obenchain	671,917
T. Gilliland	671,859
Clamp. See Cultivator tooth clamp.	671,650
Clamp and bench dog, J. F. Sipple Clothes tongs, L. W. Myers	671,733 671,652
Clothes wringer, H. G. Anderson	671,533 671,602
Cock, plug, H. J. Krebs	671,602 671,678
G. Hedges.	671,481
Conveyer for ropeways, A. S. Hallidie	671,841 671,591
Corn shellers, ear corn conveyer for, L. F.	671,653
& J. E. Sherfey Corset clasp, L. C. Lacoste	671,453 671,520 671,795
Crates, etc., fastening for, Thomas & Gal-	671,795
G. Hedges. Condenser, A. Snyder Conveyer for ropeways, A. S. Hallidie Corn husking machine, E. F. Obenchain. Corn shellers, ear corn conveyer for, L. F. & J. E. Sherfey. Corset clasp, L. C. Lacoste Cover, cooking utensil, M. C. Foresman. Crates, etc., fastening for, Thomas & Gallion Cream separator, G. H. Smith. Cuff holder, I. Freed. Cultivator, B. Fisher	671,901 671,640
Cuff holder, I. Freed	671,545 671,475 671,728
Cream separator, G. H. Smith	671,728
lefer	671,677
Curtain pole, C. H. Campbell	671,755
roller, J. Tamboer	671,459
Cyanids, making, J. Grossmann	671,479
Decorating articles of manufacture, Kase-	671,890
Dentist's rubber dam, C. F. Horgan	671,519 671,929
Dialkali cyanamid, making, J. Pfleger Diamond cross cutting machnie, E. Loesser.	671,7 <b>0</b> 9 671,830
Diamonds, working, E. Loesser Die press, E. W. Silsby	671,831 $671,871$
Display rack, G. W. Barnett	671,576 671,445
Door opener, automatic sliding, D. Schuyler.	671,637 671,554
Door or window screen, S. J. Horcheler	671,928 671,899
Draft equalizer, R. M. & H. M. Hickok	671,919
Draft rod slack adjuster, E. Lewis	671,829
Driving mechanism, W. Scott	671,803
Duplicating machine, P. H. Saunders	671,634
& Rosenberg	671,543
Dye, azo, A. Tkatsch	671,902 671,908
Dye, brown azo, A. Tkatsch671,903, Dye, violet, E. Schleicher	671,904 671,896
Dyeing machine, J. Hussong Eccentric, W. A. Gladden	671,799 671,476
Egg heater, S. B. Hegner Egg, nest, D. H. Cox. Jr	671,516 671,471
Electric motor, H. P. White Electric motor controller, W. R. Potter	671,662 671,49
Electric switch, F. Head	671,883
Cultivator, B. Fisher. Cultivator, J. I. Hoke. Cultivator tooth clamp or fastening, J. Killefer Curtain banging apparatus, T. J. Cloud. Curtain pole, C. H. Campbell. Curtains, combination fixture for lace and roller, J. Tamboer. Cutter. See Band cutter. Cyanids, making, J. Grossmann. Dash foot, J. Q. Juvenile. Decorating articles of manufacture, Kasebler & Vigelius. Dentist's rubber dam, C. F. Horgan. Dialkali cyanamid, making, J. Pdeger. Diamond cross cutting machnie, E. Loesser. Diamonds, working, E. Loesser. Die press, E. W. Silsby. Display rack, G. W. Barnett. Door for trolley car barns, W. R. Kinnear. Door opener, automatic sliding, D. Schuyler. Door or window lifter, H. Heisler. Door or window screen, S. J. Horcheler. Door stype, E. P. Spence. Draft equalizer, R. M. & H. M. Hickok. Draft rigging, H. T. Krakau (reissue). Draft rod slack adjuster, E. Lewis. Drill coupling, J. A. Martin. Driving mechanism, W. Scott. Drying oven, H. F. J. Weijers. Dye, loack sulfur, H. Gussmann. Dye, azo, A. Tkatsch. Dye, azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo, A. Tkatsch. Dye, bloak sulfur, H. Gussmann. Dye, brown azo	671,835
splicing, T. J. McTighe	671 500
Elevator door lock, A. M. Coyle	671,878
H. Bitner	671,580
Engine reversing and cut off mechanism,	671,474
Engine reversing mechanism, Phillips &	
Hunt Engines, mixing and vaporizing device for explosive, C. O. White	671,805
Engines, sparkling igniter for explosive, W.	671,743
explosive, C. U. white. Engines, sparkling igniter for explosive, W. A. Bole. Excavating machine, D. H. Snyder. Exposure timer. L. K. Snell. Fabric. See Woven fabric. Fabric, J. H. Beamer. Fan, S. G. Phillips. Fan, electrically operated, R. W. Schmelz. Faucet and bottle washer, combined, J. S. Hosley	671,718 671,925
Fabric. See Woven fabric.	671,781
Fabric, J. H. Beamer Fan, S. G. Phillips	671,812 671,527 671,660
Fan, electrically operated, R. W. Schmelz Faucet and bottle washer, combined, J. S.	671,660
Feeding device for conveyers, etc., A. G.	671,671
	671,825 671,612
Fence, wire, Russell & Eakright	671,685
der Filter, screen water, A. Xander,	671,684 $671,683$
der Filter, screen water, A. Xander. Finger nail clipper, J. C. Ernst. Finger sight, J. J. Peard. Fire extinguishing apparatus, Richards &	671,793 671,609
Fire extinguishing apparatus, Richards &	
Dunham Fire hose hridge, self locking, J. E. Ryan Fireproof blind, W. R. Kinnear. Fireproof construction, A. L. A. Himmel-	671,775 671,777
Fireproof construction, A. L. A. Himmel-	671,444
Fireproof construction, W. Orr	671,596 671,679
Fireproofing paper, composition for, I. Gor-	671,548
ion Fishing bait, mechanical, Shakespeare & Locher Fishing tackle, S. H. Nesbit	671,613
Fishing tackle, S. H. Nesbit Flasks, apparatus for drawing patterns	671,914
Flasks, apparatus for drawing patterns from, J. G. Johnston Float trap, variable pressure, W. C. Jen-	
nings	671,702
Floor mat, E. J. Manning	671,442
Floor met E I Menning	671,442
Floor mat, E. J. Manning. Fluids, apparatus for generating and utilizing elastic, W. L. Judson. Fly trap, V. H. Crankshaw. Fork. See Pitchfork.	671,442
ing elastic, W. L. Judson	671,442 671,832 671,674 671,510
ing elastic. W. L. Judson.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon.  Fruit grader, R. G. Bailey.  Game board justifying device. E. T. Burgard.	671,442 671,832 671,674 671,510 671,730 671,646
ing elastic, W. L. Judson fly trap, V. H. Crankshaw fly trap, V. H. Crankshaw frequency or speed indicator, R. D. Mershon fruit grader, R. G. Bailey Game board justifying device, E. T. Burgraves	671,442 671,832 671,674 671,510 671,730 671,646
ing elastic, W. L. Judson fly trap, V. H. Crankshaw fly trap, V. H. Crankshaw frequency or speed indicator, R. D. Mershon fruit grader, R. G. Bailey Game board justifying device, E. T. Burgraves	671,442 671,832 671,674 671,510 671,730 671,646
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Flork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon.  Fruit grader, R. G. Bailey  Game board justifying device, E. T. Burroves  Game, parlor, R. Cummings  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.	671,442 671,832 671,674 671,510 671,730 671,646 671,754 671,855 671,631 671,610
rinds, apparatus for generating and utilizing leastic, W. L. Judson. Fly trap, V. H. Crankshaw. Fly trap, V. H. Crankshaw. Frequency or speed indicator, R. D. Mershon. Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves. Game, parlor, R. Cummings. Gament, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham Gas engine or similar motor, C. C. & E. A. Riotte. Gas generating apparatus, acetylene, E. N.	671,432 671,674 671,510 671,730 671,646 671,754 671,855 671,631 671,610
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson	671,442 671,674 671,510 671,730 671,646 671,754 671,754 671,755 671,631 671,610 671,934 671,693
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson	671,442 671,674 671,510 671,730 671,646 671,754 671,754 671,755 671,631 671,610 671,934 671,693
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson	671,442 671,674 671,510 671,730 671,646 671,754 671,754 671,755 671,631 671,610 671,934 671,693
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson	671,442 671,674 671,510 671,730 671,646 671,754 671,754 671,755 671,631 671,610 671,934 671,693
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson	671,442 671,674 671,510 671,730 671,646 671,754 671,754 671,755 671,631 671,610 671,934 671,693
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson	671,442 671,674 671,510 671,730 671,646 671,754 671,754 671,755 671,631 671,610 671,934 671,693
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson	671,442 671,674 671,510 671,730 671,646 671,754 671,754 671,755 671,631 671,610 671,934 671,693
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Fork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz  Gas burner, incandescent, C. S. Pinkham  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson	671,442 671,674 671,510 671,730 671,646 671,754 671,754 671,755 671,631 671,610 671,934 671,693
rinds, apparatus for generating and utilizing ing elastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon. Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burrowes. Gament, D. Rabinowitz. Gase, parlor, R. Cummings. Garment, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dlokerson as generator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond. Gases, apparatus for electrically treating, R. J. Yarnold. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, reversing, F. J. Ball. Gearing, change, K. G. Johnston Gearing, variable speed, F. J. Ball.	671,442 671,832 671,636 671,754 671,754 671,646 671,754 671,630 671,693 671,693 671,693 671,592 671,647 671,630 671,796 671,630 671,796 671,548 671,796 671,796 671,796 671,796 671,796 671,796 671,796 671,796 671,796
rinds, apparatus for generating and utilizing ing elastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon. Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burrowes. Gament, D. Rabinowitz. Gase, parlor, R. Cummings. Garment, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dlokerson as generator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond. Gases, apparatus for electrically treating, R. J. Yarnold. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, reversing, F. J. Ball. Gearing, change, K. G. Johnston Gearing, variable speed, F. J. Ball.	671,442 671,832 671,636 671,754 671,754 671,646 671,754 671,630 671,693 671,693 671,693 671,592 671,647 671,630 671,796 671,630 671,796 671,548 671,796 671,796 671,796 671,796 671,796 671,796 671,796 671,796 671,796
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burcawe, Cament, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Biotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnold. Gate, J. G. Busch Gate, J. G. Busch Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, differential, J. B. & A. Benson. Gear, driving, Young & Danley. Gearing, variable speed, F. J. Ball. Gearing, variable speed, F. J. Ball. Gearing, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Gloves, etc. fastener for J. V. Wash-	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,610 671,693 671,693 671,693 671,592 671,582 671,582 671,582 671,582 671,582 671,789 671,582 671,789
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burcawe, Cament, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Biotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnold. Gate, J. G. Busch Gate, J. G. Busch Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, differential, J. B. & A. Benson. Gear, driving, Young & Danley. Gearing, variable speed, F. J. Ball. Gearing, variable speed, F. J. Ball. Gearing, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Gloves, etc. fastener for J. V. Wash-	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,610 671,693 671,693 671,693 671,592 671,582 671,582 671,582 671,582 671,582 671,789 671,582 671,789
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burcawe, Cament, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Biotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnold. Gate, J. G. Busch Gate, J. G. Busch Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, differential, J. B. & A. Benson. Gear, driving, Young & Danley. Gearing, variable speed, F. J. Ball. Gearing, variable speed, F. J. Ball. Gearing, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Gloves, etc. fastener for J. V. Wash-	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,610 671,693 671,693 671,693 671,592 671,582 671,582 671,582 671,582 671,582 671,789 671,582 671,789
rinds, apparatus for generating and utilizing ing elastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves. Game, parlor, R. Cummings. Gament, D. Rabinowitz. Gas hurner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generator, acetylene, P. N. L. Girardville Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnole. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, diving, Young & Danley. Gear, diving, C. L. King. Gear, diving, Voung & Danley. Gear, change, K. G. Johnston. Gearing, change, K. G. Johnston. Gearing, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glover, reversible, N. D. Newman et al. Gloves, etc., fastener for, J. V. Washburne Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong.	671,432 671,674 671,510 671,646 671,750 671,646 671,754 671,631 671,693 671,693 671,693 671,693 671,693 671,693 671,759 671,641 671,641 671,432 671,71,641 671,432 671,71,630 671,71,71,71,71,71,71,71,71,71,71,71,71,7
rinds, apparatus for generating and utilizing ing elastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves. Game, parlor, R. Cummings. Gament, D. Rabinowitz. Gas hurner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generator, acetylene, P. N. L. Girardville Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnole. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, diving, Young & Danley. Gear, diving, C. L. King. Gear, diving, Voung & Danley. Gear, change, K. G. Johnston. Gearing, change, K. G. Johnston. Gearing, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glover, reversible, N. D. Newman et al. Gloves, etc., fastener for, J. V. Washburne Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong.	671,432 671,674 671,510 671,646 671,750 671,646 671,754 671,631 671,693 671,693 671,693 671,693 671,693 671,693 671,759 671,641 671,641 671,432 671,71,641 671,432 671,71,630 671,71,71,71,71,71,71,71,71,71,71,71,71,7
rinds, apparatus for generating and utilizing ing elastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves. Game, parlor, R. Cummings. Gament, D. Rabinowitz. Gas hurner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generator, acetylene, P. N. L. Girardville Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnole. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, diving, Young & Danley. Gear, diving, C. L. King. Gear, diving, Voung & Danley. Gear, change, K. G. Johnston. Gearing, change, K. G. Johnston. Gearing, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glover, reversible, N. D. Newman et al. Gloves, etc., fastener for, J. V. Washburne Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong.	671,432 671,674 671,510 671,646 671,750 671,646 671,754 671,631 671,693 671,693 671,693 671,693 671,693 671,693 671,759 671,641 671,641 671,432 671,71,641 671,432 671,71,630 671,71,71,71,71,71,71,71,71,71,71,71,71,7
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves Game, parlor, R. Cummings. Gament, D. Rabinowitz. Gas hurner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generating apparatus, acetylene, E. N. Gas engerator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnole. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, diving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gearing, change, K. G. Johnston. Gearing, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glove, reversible, N. D. Newman et al. Gloves, etc., fastener for, J. V. Washburne Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong. Grain drill disks, axial hearing for, C. B. Dempster Grain drill feed, Denyes & Schutt. Grans means for neverenting eroslon of A.	671,442 671,832 671,634 671,754 671,754 671,631 671,631 671,630 671,693 671,693 671,780 671,693 671,780 671,693 671,780 671,582 671,582 671,782 671,782 671,783 671,783 671,783 671,783 671,785 671,782 671,782 671,783 671,783 671,783 671,783 671,783 671,785 671,782 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves Game, parlor, R. Cummings. Gament, D. Rabinowitz. Gas hurner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generating apparatus, acetylene, E. N. Gas engerator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnole. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, diving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gearing, change, K. G. Johnston. Gearing, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glove, reversible, N. D. Newman et al. Gloves, etc., fastener for, J. V. Washburne Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong. Grain drill disks, axial hearing for, C. B. Dempster Grain drill feed, Denyes & Schutt. Grans means for neverenting eroslon of A.	671,442 671,832 671,634 671,754 671,754 671,631 671,631 671,630 671,693 671,693 671,780 671,693 671,780 671,693 671,780 671,582 671,582 671,782 671,782 671,783 671,783 671,783 671,783 671,785 671,782 671,782 671,783 671,783 671,783 671,783 671,783 671,785 671,782 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,783 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839 671,839
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Frork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves  Game, parlor, R. Cummings.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz.  Gas burner, incandescent, C. S. Pinkham.  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson  Gas generator, acetylene, P. N. L. Girard- ville  Gas, making, L. Mond.  Gas producer, A. Laughlin.  Gases, apparatus for electrically treating,  R. J. Yarnold.  Gate, J. G. Busch  Gate, J. G. Busch  Gear, changeable, W. G. Stolz.  Gear, compensating, H. P. Coleman.  Gear, differential, J. B. & A. Benson.  Gear, diriving, Young & Danley.  Gear, driving, C. L. King.  Gear, driving, C. L. King.  Gear, driving, C. L. King.  Gear, change, K. G. Johnston.  Gearling, variable speed, F. J. Ball.  Gas bat tub, W. L. Harvey.  Glassware, mechanism for manufacturing,  T. Coleman, Jr.  Glove, reversible, N. D. Newman et al.  Gloves, etc., fastener for, J. V. Wash-  burne  Governor, E. J. Armstrong.  Growing device, gasoline engine, D. C.  Wolfe  Governor, E. J. Armstrong.  Grain drill disks, axial hearing for, C. B.  Dempster  Grain drill feed, Denyes & Schutt.  Grate, C. Yingling.  Grinding machine, A. H. Morton  Gun, wire wound, W. Crozier.  Guns, means for preventing erosion of, A.  Noble  Halt curler, R. Reach.	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,610 671,693 671,693 671,796 671,892 671,582 671,582 671,582 671,582 671,582 671,582 671,786 671,789 671,838 671,838 671,838
ing elastic, W. L. Judson.  Fly trap, V. H. Crankshaw.  Fly trap, V. H. Crankshaw.  Frork. See Pitchfork.  Frequency or speed indicator, R. D. Mershon  Fruit grader, R. G. Bailey.  Game board justifying device, E. T. Burroves  Game, parlor, R. Cummings.  Game, parlor, R. Cummings.  Garment, D. Rabinowitz.  Gas burner, incandescent, C. S. Pinkham.  Gas engine or similar motor, C. C. & E. A.  Biotte  Gas generating apparatus, acetylene, E. N.  Dickerson  Gas generator, acetylene, P. N. L. Girard- ville  Gas, making, L. Mond.  Gas producer, A. Laughlin.  Gases, apparatus for electrically treating,  R. J. Yarnold.  Gate, J. G. Busch  Gate, J. G. Busch  Gear, changeable, W. G. Stolz.  Gear, compensating, H. P. Coleman.  Gear, differential, J. B. & A. Benson.  Gear, diriving, Young & Danley.  Gear, driving, C. L. King.  Gear, driving, C. L. King.  Gear, driving, C. L. King.  Gear, change, K. G. Johnston.  Gearling, variable speed, F. J. Ball.  Gas bat tub, W. L. Harvey.  Glassware, mechanism for manufacturing,  T. Coleman, Jr.  Glove, reversible, N. D. Newman et al.  Gloves, etc., fastener for, J. V. Wash-  burne  Governor, E. J. Armstrong.  Growing device, gasoline engine, D. C.  Wolfe  Governor, E. J. Armstrong.  Grain drill disks, axial hearing for, C. B.  Dempster  Grain drill feed, Denyes & Schutt.  Grate, C. Yingling.  Grinding machine, A. H. Morton  Gun, wire wound, W. Crozier.  Guns, means for preventing erosion of, A.  Noble  Halt curler, R. Reach.	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,610 671,693 671,693 671,796 671,892 671,582 671,582 671,582 671,582 671,582 671,582 671,786 671,789 671,838 671,838 671,838
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon. Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves. Gament, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham Gas burner, incandescent, C. S. Pinkham Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas, making, L. Mond. Gas producer, A. Laughlin. Gase, apparatus for electrically treating, R. J. Yarnold. Gasea, apparatus for electrically treating, Gate, J. G. Busch. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, C. L. King. Gear, reversing, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glove, etc., fastener for, J. V. Washburne. Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong. Grain drill disks, axial hearing for, C. B. Dempster Grain drill feed, Denyes & Schutt. Grate, C. Yingling. Grain drill feed, Denyes & Schutt. Grate, C. Yingling. Grain meanine, A. H. Morton. Gun, wire wound, W. Crocier	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,693 671,693 671,693 671,693 671,596 671,892 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,784 671,785 671,785 671,785 671,785 671,785 671,786 671,789 671,786 671,789 671,780 671,780 671,780 671,780 671,780 671,780 671,780 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon. Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves. Gament, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham Gas burner, incandescent, C. S. Pinkham Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas, making, L. Mond. Gas producer, A. Laughlin. Gase, apparatus for electrically treating, R. J. Yarnold. Gasea, apparatus for electrically treating, Gate, J. G. Busch. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, C. L. King. Gear, reversing, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glove, etc., fastener for, J. V. Washburne. Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong. Grain drill disks, axial hearing for, C. B. Dempster Grain drill feed, Denyes & Schutt. Grate, C. Yingling. Grain drill feed, Denyes & Schutt. Grate, C. Yingling. Grain meanine, A. H. Morton. Gun, wire wound, W. Crocier	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,693 671,693 671,693 671,693 671,596 671,892 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,784 671,785 671,785 671,785 671,785 671,785 671,786 671,789 671,786 671,789 671,780 671,780 671,780 671,780 671,780 671,780 671,780 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838 671,838
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon. Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves. Gament, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham Gas burner, incandescent, C. S. Pinkham Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas, making, L. Mond. Gas producer, A. Laughlin. Gase, apparatus for electrically treating, R. J. Yarnold. Gasea, apparatus for electrically treating, Gate, J. G. Busch. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, C. L. King. Gear, reversing, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glove, etc., fastener for, J. V. Washburne. Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong. Grain drill disks, axial hearing for, C. B. Dempster Grain drill feed, Denyes & Schutt. Grate, C. Yingling. Grain drill feed, Denyes & Schutt. Grate, C. Yingling. Grain meanine, A. H. Morton. Gun, wire wound, W. Crocier	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,693 671,693 671,693 671,693 671,596 671,892 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,784 671,785 671,785 671,785 671,785 671,785 671,786 671,789 671,786 671,789 671,780 671,780 671,780 671,780 671,780 671,780 671,780 671,830
rinds, apparatus for generating and utilizing ing elastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon. Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves. Gament, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas generating apparatus, acetylene, E. N. Gas, making, L. Mond. Gas, paparatus for electrically treating, R. J. Yarnold. Gases, apparatus for electrically treating, R. J. Yarnold. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, C. L. King. Gear, reversing, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glove, etc., fastener for, J. V. Washburne. Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong. Grain drill disks, axial hearing for, C. B. Dempster Grain drill feed, Denyes & Schutt. Grate, C. Yingling. Grinding machine, A. H. Morton. Gun, wire wound, W. Crozier Gun, means for preventing erosion of, A. Noble Hair curler, R. Reach. Hammer, L. P. Gagnon. Handle. See Casket bandle.	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,693 671,693 671,693 671,693 671,596 671,892 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,784 671,785 671,785 671,785 671,785 671,785 671,786 671,789 671,786 671,789 671,780 671,780 671,780 671,780 671,780 671,780 671,780 671,830
rinds, apparatus for generating and utilizing lastic, W. L. Judson. Fly trap, V. H. Crankshaw Fork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves Gament, D. Rabinowitz. Gasment, D. Rabinowitz. Gas burner, incandescent, C. S. Pinkham. Gas engine or similar motor, C. C. & E. A. Riotte Gas generating apparatus, acetylene, E. N. Dickerson Gas generating apparatus, acetylene, E. N. Gas producer, A. Laughlin. Gas, making, L. Mond. Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnole. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, driving, Young & Danley. Gear, driving, Young & Danley. Gear, driving, C. L. King. Gear, reversing, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glove, reversible, N. D. Newman et al. Gloves, etc., fastener for, J. V. Washburne. Governing device, gasoline engine, D. C. Wolfe Governor, E. J. Armstrong. Grain drill disks, axial hearing for, C. B. Dempster Grain drill feed, Denyes & Schutt. Grate, C. Yingling. Grinding machine, A. H. Morton Gun cleaning tool, J. A. Rosenherg. Gun, wire wound, W. Crozler. Gous, means for preventing erosion of, A. Noble Hair curler, R. Reach. Hammer, L. P. Gagnon. Hat fastener, L. Huppertz. Handle bar extension, A. H. Field. Harness attaching or detaching device, Mc- Cormick & Gordon. Harvester belt tightener, C. Colahan. Hat fastener, L. Huppertz. Heating burner, L. J. Wing. Heating burner, L. J. Wing. Heating burner, L. J. Wing. Heating burner, C. ontinuous, A. Laughlin.	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,693 671,693 671,693 671,693 671,596 671,892 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,784 671,785 671,785 671,785 671,785 671,785 671,786 671,789 671,786 671,789 671,780 671,780 671,780 671,780 671,780 671,780 671,780 671,830
rinds, apparatus for generating and utilizing lag elastic, W. L. Judson. Fly trap, V. H. Crankshaw. Frork. See Pitchfork. Frequency or speed indicator, R. D. Mershon Fruit grader, R. G. Bailey. Game board justifying device, E. T. Burroves Game, parlor, R. Cummings. Garment, D. Rabinowitz Gas engine or similar motor, C. C. & E. A. Biotte Gas engine or similar motor, C. C. & E. A. Biotte Gas engine or similar motor, C. C. & E. A. Biotte Gas engerator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond Gas engerator, acetylene, P. N. L. Girard-ville Gas, making, L. Mond Gas producer, A. Laughlin. Gases, apparatus for electrically treating, R. J. Yarnold. Gate, J. G. Busch. Gate, C. F. Stone. Gear, changeable, W. G. Stolz. Gear, compensating, H. P. Coleman. Gear, differential, J. B. & A. Benson. Gear, diving, C. L. King Gear, driving, C. L. King Gear, reversing, F. J. Ball Gearing, variable speed, F. J. Ball. Gearing, change, K. G. Johnston. Gearling, variable speed, F. J. Ball. Gas bath tub, W. L. Harvey. Glassware, mechanism for manufacturing, T. Coleman, Jr. Glove, reversible, N. D. Newman et al. Gloves, etc., fastener for, J. V. Washburne Governor, E. J. Armstrong Governor, E. J. Armstrong Grain drill disks, axial hearing for, C. B. Dempster Governor, E. J. Armstrong. Grain drill disks, axial hearing for, C. B. Dempster Grain drill disks, axial hearing for, C. B. Dempster Grain drill disks, axial hearing for, C. B. Governor, E. J. Armstrong Grain drill disks, axial hearing for, C. B. Governor, E. J. Armstrong Grain drill disks, axial hearing for, C. B. Governor, E. J. Armstrong Grain drill disks, axial hearing for, C. B. Governor, E. J. Armstrong Grain drill disks, axial hearing for, C. B. Governor, E. J. Armstrong Grain drill disks, axial hearing for, C. B. Governor, E. J. Armstrong Grain drill disks, axial hearing for, C. B. Dempster Governor, E. J. Armstrong Grain drill disks, axial hearing for, C. B. Dempster	671,442 671,832 671,674 671,510 671,646 671,646 671,646 671,631 671,693 671,693 671,693 671,693 671,596 671,892 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,582 671,784 671,785 671,785 671,785 671,785 671,785 671,786 671,789 671,786 671,789 671,780 671,780 671,780 671,780 671,780 671,780 671,780 671,830