with the $\operatorname{sto}$. $h$ h $h$, on the screw, substantially as described for the
purposes set forth. 37,231.-Treating Caoutchouc.-Liverus Hull, Charlesclaim the application of carbon spirits, as described, and chloride of sulphur, to ground eaout
provement of it, as specified.
37,232.-Floating Battery for Ships and other Navigable Vessels.-James Hyde (assignor to Thomas Keech), claim, first, The en
 for the purposes here inbe fore deseribed.
Second, $f$ also clamm forming a commu
 37,233,-Boot and Shoe.-Oliver Lafreniere, New York
City : ${ }^{\text {I ciam }}$, boot or shoo provided with a dovetailed plate, D, grooved
heel frame. ., and sole rame $A$, all made and united in the manner
herein sho wn and described.
IThe object of this invention is to produce cheap, durable and easy boots or shoes, and the invention consists in the employment, for the purpose of soling boots and shoes, of a metallic trame filled with hard wood or some other suitable material, and secured to the inner side able means, in such a manner that the sole can be made cheap and attached in a short time with little trouble, and that it will wear much longer than soles of the ordinary make.]
37,234.-Harrow.-John Kelsey, of Yardleyville, Pa. Io claim the construction of the oblique extended point, B, with its
front tooth, $\mathbf{C}$, and the seraper, M, when arranged and combined
with the harow, as herein described and for the purposes hereine 37,235.-Engraving Machine.-J. S. Ives, of Morrisania, N. Y.: employment of a shaft or rod, $K$, hung by a universal
I claim the edjustable stand, $F$, in combination with a table, $D$ or its joint in an adjustable stand, F, in combination with a table, $D$, or its a tracer or engraving tool, e, the whole operating substantially as
set forth, to produce un a surface placed on table, D , various designs
from patterns which guide the lower end of rod, K , in the manner from patterns which guide the lower end of rod, $K$, in the manner
hereinbefore described.
$I$ also claim making the pivots, or their equivalents, of the universal joint in stand, F, adjustable or rariable, substantiaily as described, the same pattern. construction of the machine substantially as de scribed, so as to admit of changug the angles of the axes of the
universal joint as set forth, torthe purpose or inclininy the design in
either direction to its base, while the pattern has no inclination, as ather direction to its base, while the pattern has no inclination, as
hereinefore described.
I also claim the sliding rod, $k$, in combination with the rod, $K$, and a suitable handle, $i$, substantially as and for, the purposes described. 37,236.-Metallic Framing for Ships and other Navigable Vessels.-B. J. La Mothe, of New York City
I claim a series of metal tubes forming the ribs of ships and other
 vessel, by bending the tubes forming or extending, fi'om the deck or
ribs tubes, as set forth.
And I claim the combination of ribs formed of pipes, with longitudinal pipes passing between each other and clamped together, substan
Hally as set furth.
37,237.-Lamp Wick.-Frederick McKee, Pittsburgh, Pa.: I claim as a new article of manufacture a lamp wick made out of
pulp, and felted or hardened together, instead of being woven,
plaited or twisted, as herein set forth, and this I claim whether the
pulp be incased in an outer protection or not, as described.
37,238.-Railroad Car Brake.-D. Myers, South Bend,


 set forth.
37,239.-Railway Lamp.-T. J. Newland, Utica, N. Y.: operating substantially as described.
37,240 .-Lock.-J. M. Perkins, Cleveland, Ohio
I claim, first, The guard plates, D D D', and stops, FI,
arranged and operating as and for the purpose described. Secod, $I$ claperating the guand, $K$, the surpose stescribed. $K^{\prime \prime}$ and the wards, a, ar-
Sanged and operated as and for the purpose specified. 37,241.-Combination Lock.-G. M. Phelps, Williams
burgh, N. Y.:
I claim, first, The key spindle, B, having both a rotary and a longi-
udinal movement, and provided with a feather, f, in combination with the seriemen of disk provilers, A A A A A , loosely mounted on the
said key spindle, and eacl haviug an internal slot older, e, substantially as and for the internal slot, g, and a yieldindescribed ding
Second. In combination with the series of independent disk tumbers, A A' A2, each having an internal notch or slot, g, and a serie
of notches,, , around is peripher, with a click, e, applied thereto,
and all mounted on a sliding and turning spindle, , provided with

Third, In combination with the bolt, $C$, bolt tumbler, $D$, and series
of disk tumblers, $A A^{\prime} A 2$, mounted upon, and formed so as to be

 hubs, $q$, are secured to the rims, $r$, of the disk' tumblers, wilh the her
foration, $Q$, and slot, a, in each of the sild rims, the hole, R , in the
lock case, ard the tongue, c of the bolt tumbler, substantiolly

37,242.-Boot-crimping Machine.-Corydon Pratt, Pratt's I claim, first, The combination and arrangement of mechanism, substantially as described, whereby the jaws, when moved downward
or int the opposite direction from which the leather is forced on to the
former, are released from pressure on the leather, substantially as represented and described.
plains, and acting upon the springs, $G G$, in the manner substantially
as set forth.
37,243.-Umbrella.-T. H. Ray, North Adams, Mass. A, when they are constructed, arranged and fitted to produce the $r$ 37,244.-Churn.-William Robinson, Bellefontaine, Ohio : I claim, irst, Suspending the inne, A, of a churn upon a centra
spindle, $\mathrm{c}^{\prime}$, in the manuer and tor :lis: purpose substiantially as se Prth.
fecond, In combination with the cyinder, A, and spindle, $c^{\prime}$, I claim
the stationary dasher, $E$, constructed substantially as and for the pur pose set forth.
Thirc, I clam the cap, e, in combination with the spindle, $\mathrm{c}^{\prime}$, and
opening, i , substantially as and t orthe purpose set forth. 37,245.-Lubricator for Steam Engines.-James Roscoe, Leicester, England
I claim constructing a lubricatur with an air pipe, I, in combination
with the other parts, substantially as described and represented.

27,246.-Mode of operating Brakes of Railroad Cars.-A I claim the combination, of the : equalizer,", P, with the pulley, $N$,
and the chaing of the wind hasses, $R \mathrm{R}$, and the system of brake Also. the arrangement of the spring drum, S , and its coupling and
winding mechanisms riz. the tieh. hi, thd the ystem on one or more springs, k k), with the pulley, N, arranged between the tw
rrucks, and so as to o operate substantially in manner as specified.
 Als, The arrangement and combination of a relieving mechanism
(iiz. the windlass, o, with its ratchets, p , and retaining and $i \mathrm{~m}$.
 before espendiried
Also, Th earrangement of the tripping lever, V , with the car bod
 levers, $K K$, with the pulley, N, and the sys
connecting the brakes of trucks, as described.
37,247.-Reversible Neck Scarf.-A. S. Saroni, New York City :
I claim a reversible scarf, provided with a neck piece made of car board, B, or any other suitable material, coated with hater's sizing,
and provided with an elastic loop or lops, so that the seast, $A$, is
 37,248.-Metallic House.-S. J. Seely, Brooklyn, N. Y.:
 $e$, and plane-faced surfaces, $e$, , substanialy
bet forlh
Third,$~$
$i$ claim the connecting sill, $\mathbf{M}$, constructed in the manne and for the purpose substantially as described.
Fourth 1 I claim the girders, $G$, in combination with the walls, $\mathrm{D}^{\prime}$ Fourth, 1 laim the mird
substantially as deseribed.
37,249.-Cork.-W. H. Towers, New York City
I claim the cork with the wire extending through it frym; top to bot
ome the whole constructed and arranged substantially as set for Otis Tufts Boston I claim the gun carriar with its attached turn-table, in combin
 scribed

 in carriage of the gun.

 operat
forth
37
37,251.-Cultivator.-W. S. Weir, Jr., Monmouth, Ill. :

 the loop
forth.
37,252.-Photographic Plate-holder.-A. B. Wilson, Waterbury, Conn. I claim, first, The couble fiunnel and stem, with separate channels,
constructed and operuting substantially as and for the purpose deseribeco. Securing the negaive glass in position in the manner and by the means of a
tially as described.
37,253.- Harvester.-A. A. L. Darby, of White Creek, N. Y.,
assignor to himself and J. H. Balch, of Cambridge N. Y .: I claim, first, The apparatus for lifting and turning over the finger
bar, to wit the tever, La and chain, wit shafts,
and n inn versal ioint, alld operated by bevel wheel gear K and R , with
 with he eylindriealupening back of the points of the eutters and for:
ward of the cutter bar, and providing the front part of the guard with cuting edges on the upper ridge and tlank ed ed and lower ridge. or
on the upper ridge and tlank edges alone, for the purpose speciifed. 37,254.-Churn.-Thomas T. Ffirth, Camden, N. J., as signor to himself and G. W. Adler :
Iclaim any suitable number of futter wheels, E and F , when ar-
ransedio revolve in the therection shown, in compination with any

37,255.-Apparatus for Pressing Hats.-J. S. Giles and William Halladay, New York City, and J. A. Rue,
Brooklyn, N. Y., assignors to J.S. Giles and William Halladay aforesaid
 37,256.-Skeleton Skirt.-J. M. Kinney, Columbus, Ohio,
assignor to himself and D. D. Winant, Brooklyn, N, Y.: I claim a skeleton skirt formed of springs radiating from a suitable

37,257.-Divided Vent.bushing for Ordnance to facilitate
Unspiking.-B. G. Martin (assignor to Jerome Buck), New York City:
Ie laim the divided so:1 doweled cylinder, the combination of the
 Mintany valthitwhenerer needed, and the combination of the
 37,258. - Apparatus for Condensing and Evaporating.-J. J. Miller, (assignor to himself and Ernst Prussing) I claim, first, The combination of the closed vessel, $A$, and alter-
nately concave and convex rotating pans, $D$, 1 and $E$, with suitable nduction and eduction ports, the whole' being arranged to operate Seond. The ocmbination of the surrounding jacket or coil, $J$, with
the said closed vessel and pans substantially as and for the objects Speciifed Securing the pans, $D$ and $E$, upon the shafts. B, by means of he collar, MIM, thues. da and clamping nut, $N$, substantially as and for
he purposes described. 37,259.-Platform Scale.-Elnathan Sampson, Waterford Company, Green Island, N. Y.: I claim the employment or use of bell. crank levers, $\mathrm{k} 1 \mathrm{kl11} \mathrm{pq}$.
 37,260.-Projectile for Rifled Ordnance--W. H. Smith, (assignor to himself and R. M. Bassett), Birmingham, Conn.:
 ment in, its anoinecure proper hy means or resin or other suitabe ee
merein spectifed.

37,261.-Vest.-David Vogl, London, England, assigno England, Dec. 10, 1861: I claim the construction of vests closed in front, witirkr arm-holes
nd held in position around the person by adjustable todions substan and held in position
iailly as described.
37,262.--Feed-bag for Horses or other Animals.-WW. B. Wait, Greenwood, Mass., assignor to himself and J. A. Fairbanks, Melrose, Mass. $\dot{\text { a }}$, head cap provided with I claim the nosebaga, made either with the head cap provided with
air inlets, b b b or with the same and an elastic mouth arranged
 equivalent, and in onsher reaspectis in
stantially as hereinteefore specified.
37,263.-Oil Still.-W. G. Warden and Thomas K. Petty, We claimburghe us, in .a. stils, for disililing hydro.earbon oils, of a double

 Also Drawing oft the. unvaporized matter which is carrie

37,264.-Passenger Ticket.-N. D. Morgan, Mount Pleasant, N. Y.:
I claim the com bination of a new and mproved form of passenger
ticket to be used on railroad cars, steamboats and all other public con-




37,265.-Canal Lock.-S. J. Seely, Brooklyn, N. Y.
1 claim first, The method, substantially as herein described, of
constructing canal locks, whereby metal thstead of masonry is used
 described. ${ }^{\text {Third }}$, sustaining the walls of the gate channels by means of rrugated metal or its equivalent substantally a s described.

## re-issues.

1,367.-Artificial Ley. Loouglas Bly, Rochester, N. Y Patented May 17, 1859 . Re-issue, Joly 3,1860 : base, J, so as o ourving their deneecting the jointed extremitien of the

 frum the compression and expansion of the material, and not from
 the purpose herein set torth.
Fifth, Iclaim
aro

 each of which torms a segment of acircle more or less correspond-
ing with the axial bolt, the one being fixed in position and the other

1,368.-Lamp Chimney.-W. L. Fish, Newark, N. J.
1 claim the use in connection with oil lamps of ordinary construc.
tion and operation, of heating vessels containing a central flue so shaped as to form the chlmney of sald lamp substantially as herein
shown and described-whereby the same lamp may be used for both


 orof wind ows made of a transparent mat erial for the transmission of
litht through itsubstantially as and for the purposes set forth design.
1,702.-Design for a Cane-head, Umbrella-handle or
Sword-hilt.-J. C. Nobles, Rushford, N. Y.

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