60,969.-HOOP SKIRT.-Hunneville Vincent, New York City,

assignor to Hugh B. Brown, Brooklyn, N. Y. I claim the arranging of the wires or hoops in such a manner that each hoop crosses or intersects itself once or more in its passage around the skirt, substantially as and for the purposes herein set forth.

60,970.—Door Lock.—Rudolph Vollschwitz (assignor to himself and J. J. Schlaepfer), New York City.
I claim the mortices g, in the tumblers, D, to operate in combination with the flat notched bit of the key, nuts, E, and bolts, C, substantially as and for the purpose described.

60.971.—GRANARY.—James Walsh, Valley Town, Ill. I claim the granary and measurer, constructed of removable parts, sub stantially as described and represented.

60.972.—HolLow AUGER.—Joseph Ward, New York City. I claim, First, The arrangement within the case, A, of the cutter stocks, B, constructed with discharge throats, C, and adapted for adjustment by means of the cam. E, and guides, a, as and for the purposes specified. Second, I claim the within-described tool, adapted for cutting tenons and for the purpose specified.

60,973.-MECHANISM FOR OPERATING DIES.-Hervey Waters,

Northbridge, Mass. I claim the combination with an eccentric hammer, crank press, or other similarly operating machine or machines of a means or system of mechanism by which the action of the machine or machines may be controlled substan-tially as set forth when such system of mechanism is so connected with the machine or machines as not to enter into the active operating structure thereof.

60,974.-LOCK AND KEY.-H. B. Weaver, Hartford, Conn. 60,974.—LOCK AND KEY.—H. B. Weaver, Hartford, Conn. 1 claim, First, The combination of the two spindles, D and D', the bolt, B, plate, C, and the tumblers, F, or their equivalents, the whole being construct-ed, arranged for joint operation, and applied to a lock case, substantially as and for the purpose here in set forth. Second, The combination of the above and the fence, k', the whole being constructed, arranged, and operating as desoribed. Third, The beil crank, tumbler levers, F, hung to the spindle, D', and ar-ranged in respect to the recess, k, of the plate, C, substantially as described. Fourth, The tumblers, F, arranged in respect to the slot, l, in the stem of the handle, E', as described. Fifth, Th : slot In the tubular stem of the handle, E' in combination with notches, p, in the edges of the key. 60 075 — Broczetter EDE SCH Struct S — A. Werne, New York City.

60,975.—RECTIFIER FOR STILLS.—A. Werne, New York City. First, I claim the spiral channels formed in the covering plate, C, and in the box, B, by the spiral flanges, d and g, respectively, substantially as and for the purpose herein shown and described. Second, I claim the annular plate, b, made substantially as and for the purpose herein shown and described. Third, I claim the combination of the plate, b, box, B, and cooling cover, C, with the rectifier, A, substantially as and for the purpose herein shown and described.

60,976.—CULTIVATING HOPS.—E. A. Wightman and W. C. Williams, Livingstonville, N. Y. We claim the sliding rod, B, arranged with the poles, A, as shown, adapted to be drawn therefrom when desired, substantially as represented and de-scribed.

60,977.-CORN HUSKER-J. F. Winchell, Springfield, Ohio,

assignor to himself and George C. Steele. I claim the corn husker, consisting of the metal plate, A, and the strap, B, made adjustable in size, when constructed and arranged as herein shown and described.

60.978.-CHAIR.-G. C. Winchester and M. V. B. Howe (as-

bu, 510.—UHAIR.—U. U. Winchester and M. V. B. Howe (as-signors to C. and G. C. Winchester), Ashburnham, Mass. We claim combining the seat, a with the stationary stool or base, b, by neans of ball and socket joints, arranged not only to act as hinges but other-rise, substantially as described. Also combining with such arrangement or construction, the spring, 1, fixed to the bar and bearing against the rear part of the seat, substantially as shown ad described.

Also the combining of the ratchet bar, pawl plate, shaft, and cam, when arranged to lock the seat in horizontal or inclined position, substantially as set forth.

Also, forming each side rail, f, and its leg, p, from a single strip of wood bent into shape, substantially as shown and described.

60,979.-CONSTRUCTION OF ORDNANCE.-W. E. Woodbridge,

Third, I also claim the application of the mode of construction hereic de-scribed, to tubes other than cannon, when the mechanical requirements are similar

60,980.—BRIDLE BIT.—L. D. Woodmansee, Dayton, Ohio. I claim the combination of the rigid bars, A and B, jointed directly to the mouth piece of a bridle bit, and operating in the manner substantially as and for the purpose described.

60,981.-GRATES.-Charles J. Woolson, Cleveland, Ohio. I claim the tipping frame A, provided with journals and bearings, B, in combination with the shackle or grate bar, D, arms, E, and link, O, and du-plicate bearings, S.

60,982.—CUL/IVATOR PLOW.—S. A. Wray, Greenfield, Ind. I claim the combination of the beam, B and B', elastic plate, D, and hinge joint, E, with a d. vice for retaining the beam in position, substantially in the manner set forth.

60,983.-WATER WHEEL.-Anthony Wrealsh and William

We claim, First, The buckets, D, when constructed with two or more faces, d and d', upon different radial planes, substantially asset forth. Second, Constructing the inner set of concentric buckets or faces of the same bucket, d and d', shorter than the outer set, substantially as and for the purpose set forth.

Durpose set forth. Third, The combination of the guide wheels, E, intermediate plate, F, and gate ring, H, when constructed and arranged substantially as set forth. Fourth, The raised crown of the intermediate plate, F, as arranged in rela-tion to and serving as a bearing for the guide ring, H, substantially as set forth.

Fourth, The raised rown of the guide ring, H, Substantially as an bearing for the guide ring, H, Substantially as and for the guide wheel, E, and gate, H, substantially as and for the purpose set forth. Sixth, The elevated bush, G, supported upon brac.s, resting upon the crown of the intermediate plate, F, and wi hin the guide ring, H, substantially as and for the purpose set forth.

60,984.-Composition of Glue or Gelatine and other MATERIALS CALLED DUROGEL. - Henry Wurtz, New York City.

I claim the combination of bichromate of potash with ordinary glue or gela ne, in the manner and for the purpose substantially as described in the fore-oing specification.

60,985.—HOLLOW AUGER.—Emanuel Young, Amanda, Ohio. I claim, as an article of manufacture, the hereinbefore-described tool, formed with the knives, C and E, attached to the hollow tapering body B, formed with the shake, A, for attaching the tool to a brace, substantially as

60,986.—Imponderable Fluid and Mode of Generating

THE SAME.—Martin Ziegler, Mulhouse, France. I claim, First, Producing a new imponderable fluid in the manner and by the means herein set forth and described. Second, The combination of two substances, the one containing azote, and the other containing carbon, in the manner substantially as herein described, so as to generate an imponderable fluid, and to excite or produce a current of the same, as and for the purposes set forth.

Second, The application of a condenser to a drying chamber as above de-cribed, or any equivalent arrangement for producing the same effect, sub-tantially in the same manner. Third, I claim the netting when placed over the drum or flue to catch the lothes in case of failing, and thus prevent their being burned, the same being arranged substantially as set forth.

Scientific American.

2,433.—LAP JOINT.—Henry Underwood, New York City. Patented Feb. 9, 1858. I claim the union of the plates or straps, b, with the rive's, a a', which pass through outer and inner ends, A B, of the belt, substantially as and for the purposes described.

the purpos -MACHINE FOR MAKING NUTS .- William E. Ward,

2,434.—MACHINE FOR MAKING NUTS.—William E. Ward, Port Chester, N. Y. Patented Oct. 7, 1856.
Telaim as a new and as my invention, the two punches arranged side by side, and operated substantially as described for punching the central hole, cutting off the blanksfrom the bar, and discharging the same, substantially as escribed, in combination with the two holes or two dies, so that a bole is punched in the barfor another nut during the continued motion of the punch to discharge the nut which was cut off during the previous part of the same motion.
I also claim in combination with the punching and outting mechanism either without or wich the mandrel, or its equivalent, for entering the central hole of for transferring the nut blank from the die to the mandrel and there holding it until the mandrel for holding the nut blank in combination with the swaging surfaces by which the faces of the nut are formed, substantially as described.
I also claim in combination with the mandrel for holding the nut blank substantially as described.
And finally I claim the chammersfor hammering swaging the edges of the nut, substantially as described.
And fully I claim the combination of the swaging surfaces for forming the fac sof the nut with the hammersfor forging the edges of the nut, substantially as specified, and for the purpos set forth.
2,435.—HEATING STOVE.— William A. Barlow, Elkhorn,

tially as specified, and for the purposes set forth.
2,435.—HEATING STOVE.— William A. Barlow, Elkhorn, Wis. Patented June 3, 1862.
I claim the base, A, composed of top and bottom plates only so formed and united as to inclose a holiow or space, ander the whole body of the stove, and occupied throughout by the products of combustion in passing from the descending to the ascending fue of fues, substantially as and for the purposes herein specified.
I also claim the combination and arrangement of the projecting base, A, composed of top and bottom plates, and the pipes or flues, E, and F courside of and distinct from, the body of the stove, substantially as and for the purposes herein set forth.
In combination with the shove, I also claim the dividing plates, a a, substantially as and for the purpose herein described.
2,436.—HEATING STOVE.— William A. Barlow, Elkhorn.

2,436.-HEATING STOVE. - William A. Barlow, Elkhorn,

Wis. Patented June 3, 1862. I claim a heating stove having a double projecting top and an opening herein of the full or nearly full size of the interior of the stovebody, and losed by a removable cover, substantially as and for the purposes herein position

closed by a removable cover, substantially as and for the purposes herein specified. In combination therewith I also claim a top, C, made of top and bottom plates with a heat-circulating space between them and projecting beyond the body of the stove sufficiently to admit flues or pipes extending from the top to the base of the stove, outside of the stove body, substantially as and for the purpose herein set forth.

2437.—CAPSTAN FOR STEAM BOATS.—John Schaffer, St. Louis, Mo. Patented Oct. 21, 1856. I claim the arrangement of the capstan barrel, A, with the wheels, ef, 6,5,4,3,2, and 1, provide: with suitable shafting, when said wheels and shafting are used for connecting and realing a capstan barrel by an auxiliary coupler, said capstan and auxiliary engine bring p. end forward of the steam bollers on the bow of the boat, substantially as herein described and for the purpose set forth.

2,438.-RAKE FOR HARVESTER.-C. Aultman, Canton, Ohio, assignee by mesne assignments of S. A. Lindsay. Patented Dec. 11, 1860.

CILCUL DEC. 11, 1000. First, I claim a support for the Tevolving rake and reel shaft attached to und moving with the platform of a binged bar machine. Second, A support for the revolving rake and reel-shaft, attached to and noving with the binged platform, in combination with a hinged platform sus-fund to the main frame. Third, A support for the revolving rake and reel shaft, attached to and noving with the hinged platform in combination with the universal joint for irawing such that, and conforming the rake and reel to the movement of the blatform.

drawing said shaft, and conforming the rake and reel to the movement of the platform. Fourth, An automatic revolving rake, wit a universal joint for driving it. Fifth, The combination of a revolving rake and reel, a hinged platform, and a jointed tumbling driving shaft. Sixth, A support for the revolving rake and reel shaft attached to and mov-ing with the linged platform in combination with a driving mechanism, which adapts itself to the rising and falling of the platform in passing over uneven ground. Seventh, The combination of a revolving rake and reel, with a mechanism for adjusting the rake and reel together, with the entiting apparatus and plat-form so arranged that the driver can operate i twithout stopping the machine. Eighth, The combination of a floating finger beam machine, a revolving rake and reel, so combined and arranged that the rake and platform may be read-ily removed for converting it into a mover. Ninth, The combination of a linged platform and a continuously revolving rake shaft, support located on said platform, between the center of the draft frame and the outer divider. Tenth, A standard or support, which assitants the sweep rake above the draft frame or driving wheels thereof, said s andard or support being mounted on the hinged platform.

draft frame or driving wheels thereof, saids andard or support being mounted on the hinged platform. Eleventh, In a harvesting machine, which has its cutting apparatus hinged or jointed to the mainframe, in such manner as allows it to conform at both ends to the undulations of the ground, and has a rake support mounted on said jointed platform. I claim so constructing and arranging the several parts that the support of the rake can occupy a position outside of inner arive wheel, or a position which is between the point of suspension of the plat-iorm and the outer divider, and so that said platform can also be hung or sus-pended below the draft frame. Twefith, An inclined rake shaft a platform and spring, so arranged that the mere inclination of the take teeth on the platform, thereby dispensing with the use of a cam for elevating or glading the rake. Thirteenth, A continuously revolving rake, in combination with a shaft in-clined toward the platform for forcing the rake down to the platform, and then elevating it up and out of the way of the weals and main frame by the revolution.

2,439.—HARVESTER.—C. Aultman, Canton, Ohio, assignee by mesne assignments of S. A. Lindsay. Patented Aug.

2, 1859. First, I claim an automatic rake, delivering the grain in the arc of a circle in combination with a h-nged platform. Second, The combination of a revolving rake and reel, and a hinged platform. Third, The combination of a revolving rake and reel, with a hinged platform suspended from the main frame. Fourth, In a harvester, having a revolving rake and reel, I claim suspended from the main frame at one or more points between the driving wheels.

driving wheels. Fifth, The combination of a revolving rake and reel, with a hinged cut-ting apparatus, in such a manner that the said cutting apparatus can be raised and lowered without changing the relative position of the rake and reel to the

ting apparatus, in such a manner that have position of therake and recel to the platform. Sixth, The employment of radial reel and rake arms attached to the central head or axis, by independent hinges or pivots for each radial arm. Seventh, Attaching the beaters and rake heads at such an angle with a rad-ial line, that the rake heads and beaters shall approach to and pass over the cutter in a line nearly parallel to the cutter when the axis of the rake and reel is located in the rear of the cutter bar. Eighth, The boxes or bearings, K K, for carrying the pivoted radial arms in combination with the central revolving hub. Ninth, The combination of a revol ing rake and reel, a vibrating frame or its equivalent, and a hinged platform. Tenth, Arranging the revolving rake and reel supported to vibrate about a gear center, so that the raising or lowering of the cutter does not interfere with the operation of the driving mechanism. Eleventh, The combination of a revolving rake and reel apparatus which is supported between the driving wheels and a hinged platform by means of an intermediate connecting piece for the purpose of conforming the movements

2,442.—Spring Holder for Wiping Cloths.—Henry Johnson, Chicago, Ill., assignee by mesne assignments of W J. Johnson. Patented Feb. 21, 1860.

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J. Johnson. Patented Feb. 21, 1860. I claim the spring holder for cloths consisting of two or more curved spring fingers, arranged substantially as and for the purposes described. 2,443.-NICKING SCREW HEADS.-George L. Morris, Taunton,

Mass. Patented June 12, 1866. I claimthe improved nicked screws made either by casting or cutting, having the said nicks flaring at their outer ends and with the separating part between strengthening the beach, the two nicks being made on the line of one and the same diameter of the screw head, all as and for the purposes specified.

2,444.-MACHINE FOR MAKING CLINCH RINGS.-G. M. Pat-

ten, Bath, Me. Patented May 2, 1854. I claim the combination of the retainer and clearer or part, G, and its prings, or the equivalent thereof, and the elastic seat. H, with the dies E and F, the upper die being provided with mechanism for operating it, as described. I also claim the combination as well as the arrangement of the retainer or part, G, and its springs, or their equivalent, with a pinch and die or dies, EF, the said part, G, being to operate therewith, substantially as described.

2,445.—BREECH-LOADING FIRE-ARMS.—William Mont Storm.

2,445.—BREECH-LOADING FIRE-ARMS.—William Mont Storm, New York City. Patented July 8th, 1856. First, I claim a breech piece, hinged at its front end, and swing'ng upward and over, substantially as described, in combination with a stationary, or fix ed recoil-bearing at its rear end, having the characteristic features of being firmly connected with the barrel, and being extended above the line of the bore of the barrel, substantially as and for the purpose set forth. Second, I claim cutting away the recoil-bearing surface, substantially as de-scribed for the purpose set forth. Third, I claim the internal bolt, e, operated by a positive motion to lock in place the movable breech piece of a breech-loading fire-arm during the fail of the hammer, or its equivalent, substantially in the manner described. Fourh, I claim forming a space or recess between the lower side of the breech piece and the seat into which it shuts, for the accommodation of dirt which would otherwise prevent the descent of the breech piece, as hereinbe-fore fully explained.

2,446.—BREECH-LOADING FIRE-ARMS.—William Mont Storm,

2,440.—BREECH-LOADING FIRE-ARMS.— William Mont Storm, New York City. Patented July 8, 1856. First, I claim a chambered breech piece, when such breech piece is hinged at its forward end to the barrel, and arranged to swing over, substantially as described for the purpose set forth. Second, I claim, in combination with the barrel and movable breech, a pack-ing tube or ring, erranged to sub dide within the breech piece, and formed at the front end to enter the burrel, so that by the force of the discharge the said tube will be forced forward and into the barrel, and made to pack the joint between the barrel and breecb piece to prevent the escape of the explosive grases.

gases. Third, I claim the manner, substantially as shown and described, of coupl-ing the bot, e, with the tumbler, so that although said bolt is operated by a positive motion, as described, the lock can be removed regardless of the bar-rel and bolt, as hereinbefore set forth.

DESIGNS.

2,533. -TRADE MARK.-Charles C. Buckley and Louis Dovell, New York City.

2,534.—COACH LAMP.—E. R. P. Cowles (assignor to C. Cowles & Co.), New Haven, Conn.

2,535.—Stove.—Harrison Eaton, Amherst, N. H.

2.536.—MEDALLION.—Orion Frazee, New York City.

2,537 and 2,538.-ROUND COMB.-W. S. Minges, New York

City. Two Cases. 2,539.-HANDLE OF A FORK OR SPOON.-John Polhamus,

New York City.

2,540.—HANDLE OF A CASTER.—Horace C. Wilcox (assign-or to the Meriden Britannia Co.), West Meriden, Conn.

2,541.—CASTER FRAME.—Horace C. Wilcox (assignor to the Meriden Britannia Co.), West Meriden, Conn.

EXTENSIONS.

MACHINE FOR DRILLING STONES.—Joseph J. Couch, Brook-lyn, N. Y. Letters Patent No. 9,415, dated November 23, 1852.

23, 1852. I claim the improvement of making the drill rod to slide through the piston rod, substantially in the manner above set forth. And I also claim the combination of the rocker lever, K, the wedge, M, the bolt, P, within the lever, the two cam plates, N O, the spring catch, Q, the spring and the two projections, c d, as applied to the drill statt, the narriage or block, I, and the slide ways thereof, and made to operate together, and to actuate the drill, substantially in the manner as hereinbefore set forth.

KNITTING MACHINE.-Daniel Tainter, Worcester, Mass. Letters Patent No. 9,435, dated November 30, 1852.

ters Patent No. 9,435, dated Novémber 30, 1852. I claim to so combine a dratt and take up rol er and mechanism for revolv-ing it, with a rotary series or set of needles and other mechanism of the above-mentioned peculiar kind for knitting, that such draft roller shall rotate simultaneously. or with the same velocity with such series of needles, so as to prevent the longitudinal rows of stitches from being produced in hellcal lines, and the evil consequences resulting to the fabric therefrom. I also claim the arrangement of the draft and take up mechanism, in con-nection with the kanism supported by two separate frames, A T, and also their connection with the mechanism for producing an equal and simultaneous rotation of these frames, A T, all substantially as described. whereby there shall not only be no connection between the frames, A T, to extend through the fabric, but no projection from the frame, A, to come in contact with the presser, sitch wheels, and cam bar, or their respective sup-ports, durin the simultaneous and equal rotations of both or either of the said trames, A T.

AIN SEFARATOR.—John R. Moffitt, Chelsea, Mass. Letters Patent No. 9,432, dated November 30, 1852. Reissue No. 540, dated March 23, 1858. Again reissued No. 716,

B 1, May 17, 1859. I claim, in combination with a receptacle in which the tailings are deposited by the winnowing apparatus, the arrangement of the screw elevator, 0. In relation to the thrashing cylinder, for the purpose of returning the tailings to be thrashed, as set forth.

MORTISING MACHINE .- Joseph Guild, Buffalo, N.Y. Letters

ratent No. 9,451, dated November 30, 1852. Reissue No. 333, dated December 11, 1855. Icl im, First, The sliding wrist, o, connected with the chisel, and also with the driving power, in the manner described, in combination with the mechan-ism described, or its equivalent, for sliding said wrist, so that the operator can, during the motion of the machine, vary the depth of out of the chisel, or cause it to be suspended without disconnecting the driving power. Second, The combination in a mortising machine, substantially as described, of the treadle and opposing spring or weight connected to a toggle, one end of which being pivoted to the frame, the other is pivoted to as sliding wrist upon a vibrating arm, actuated by the power, the said wrist being slid out and in upon the arm with varying power and speed, by the action of said toggle and its attached weight or spring and treadle, as explained, or their equivalents.

MACHINERY FOR MAKING PILLS .- Erasmus A. Pond, Rut-

Patent No. 9,431, dated November 30, 1852. Reissue

RE-ISSUES.

2,430.—PROCESS FOR PURIFYING METALLIC OXIDES.—Alfred Monnier, Philadelphia, Pa. Patented March 21, 1865. I claim the treatment of metallic oxides for their purification, substantially as herein set forth.

2,431.—REFINING HYDRO-CARBON OILS AND U'TILIZING

2,431.—REFINING HYDRO-CARBON OILS AND UTILIZING WASTE PRODUCTS THEREFROM.—Henry Pemberton, Alleghany City, Pa. Patented Aug. 2, 1859. Islaim, First, Receiving the sulpharic acid contained in the residuum of the process of relating coal oil, petroleum and other hydro-carburets, by ex-posing the residuum, which is a compound of acid and tarry matters, to the combined action of water and heat whereby, under the influence of the high temperature, the attraction of the tarry matters for the acid is overcome by the supprior adiabity of the acid for the water, so that the acid separates its self from the tarry matter, and dissolves in the water, from which it may be obtained, in a concentrated state, and purified by various means, substan-tially as herearb, the dissolves in the water.

obtained, in a concentrated state, and purified by various means, substan-tially as hereinb store described. Second, Purifying the dilute sulpharie acid recovered from the residuum which results from the refining of coal oils, petroleum and other hydro-carburets, by repeated processes of concentration and dilution with water, whereby the coloring matter is separated, and may be removed, substantially as hereinbefore described. Third, The use of the sulphuric acid recovered from the residuum resulting from the refining of coal oil, petroleum and other hydro-carburets, for the decomposition of sait, in the production of sulphate of soda, as a step in the manufacture of soda ash.

2,432 .- DRYING APPARATUS .- Edward Y. Robbins, Cincin-

nati, Ohio, assignee by mesne assignments of himself. Patented July 19, 1864.

I claim, First, So arranging the drying chamber, and drum or flue, B, and the furnace or stove for heating the wash water, that the drying chamber shall be heated by the surplus heat reserve from the furnace or stove tarongh a drum or flue, B, placed in the drying chamber, substantially as set for the

supported between the driving wheels and a hinged platform by means of an intermediate connecting piece for the purpose of conforming the movements of the rake to the platform in passing over uneven ground. Tweifth, The combination of a quadrant platform, a hinged finger beam, and a frame supported on two wheels. Thirteenth, The combination of a quadrant platform and a hinged finger beam, and a frame supported on two wheels. Fourteenth, The combination of a quadrant platform, a hinged finger beam, a two-wheeled from a frame supported on two wheels.

2,440.—CORN HARVESTER.—George Geer, Douglas, Ill. Pat- THE NEW GOSPEL OF PEACE ACCORDING TO ST. BENJAMIN. ented June 2, 1863.

2,441.- FRUIT Box-Nicholas Hallock, Flushing, N. Y.

2,441.- FROIT BOX—FREIDIAS HAHOCK, FRUSHING, N. Y. Patented Sept. 7, 1858. I claim, First, A fait box constructed of thin sheets or strips of material which form the body and bottom of the box, and secured together, substan-tially as described and specified. Second, I also claim in combination with a box constructed of thin sheets or strips of material, su stantially as described, so arranging the handle as that it may be attached to and folded closely within the box substantially as described and specified. Third, I also claim defining the outline or shape of the box by means of grooves in the material forming the box, substantially as described and speci-fied.

Fed. Fourth, I also claim in fruit boxes constructed substantially as described, making the bottom so that boxes may be placed one above the other without injury to the fruit in the one below it and for better ventilation of the fruit, substantially as described and specified.

GRAIN SEPARATOR.

LACHINERT FOR MARING FILLS.—ERBINUS A. FOID, Rut-land, Vt. Letters Patent No. 9,455, dated Dec. 7, 1852. I claim, First, Molding or forming pills by means of two cylinders, B B, baving each a number of recesses, a a, in its periphery, the recesses in one cylinder matching with those in the other, and each matching pair forming a mold of the required form of the pill, the said cylinders revolving in opposite directions, and the pill mass being conducted between them, substantially as h rein described. n rein descrined. Second, The bands, II, of india-rubber, or any sufficiently elastic material passing around or partly around the mold cylinders, for the purpose of expel-ling the pills from the recesses, a a, after the molds are open, substantially as herein set forth. -----

NEW PUBLICATIONS.

The American News Co., 119 Nassau street, have issued the above famons

ented June 2, 1863. First, I claim the endless chain, M, provided with pivoted teeth, n, substan-stally as and for the purpose set forth. Fourth, The bur or guard, I, arranged and applied underneath the cylinder, H, substantially as and for the purpose set forth. Fourth, The bur or guard, I, arranged and applied underneath the cylinder, H, substantially as and for the purpose set forth. Fourth, The bur or guard, I, arranged and applied underneath the cylinder, H, substantially as and for the purpose set forth. Fourth, The bur or guard, I, arranged and applied underneath the cylinder, H, substantially as and for the purpose set forth. Fourth, The bur or guard, I, arranged and applied underneath the cylinder, H, substantially as and for the purpose set forth. Fourth, The bur or guard, I, arranged and applied underneath the cylinder, H, substantially as and for the purpose set forth. Fourth, The bur or guard, I, arranged and applied underneath the cylinder, H, substantially as and for the purpose set forth. Fourth, The bur or guard, I, arranged and the purpose set forth. Firth, The pirth or the purpose set forth. Source and for the purpose set forth. Firth, The pirth or the purpose set forth. Source and for the purpose set forth. Firth, The pirth or the purpose set forth. Source and for the purpose set forth. Source and for the purpose set forth. Firth, The pirth or the purpose set forth. Source and for the purpose set forth. Firth, The pirth or the purpose set forth. Source and for the purpose set forth. Source and for the purpose set forth. Source and for the purpose set forth. Firth, The pirth or the purpose set forth. Source and for the purpose set forth. Source and for the purpose set forth. Source and forth or the purpose set forth. Source and forth or the purpose set forth. Source and forth or the

50 cents.

OLIVE LOGAN'S NEW CHRISTMAS STORY. 50 cents.

These are very readable stories, and will be found quite acceptable at the winter-evening fireside. Published by the American News Co., New York.

EXTENSION NOTICE.

William Wickersham, of Boston, Mass., praying for the extension of a patent granted to him the 19th day of April, 1853, for an improvement in sewing machines, for seven years from the expiration of said patent, which takes place on the 19th day of April, 1867, it is ordered that the said petition be heard at the Patent Office on Monday the 1st day of April next.