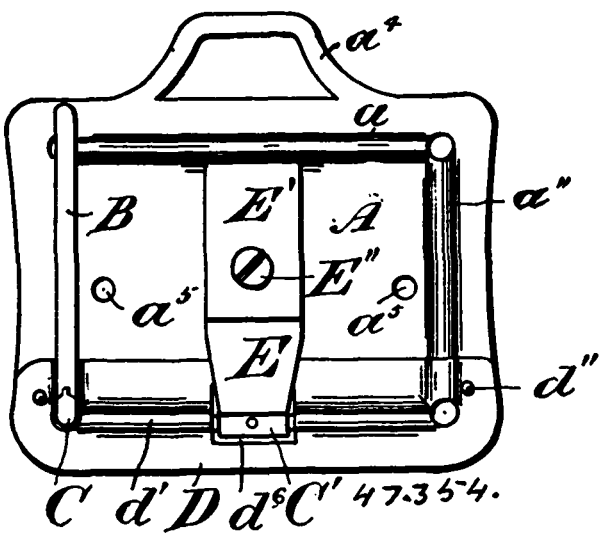
segments G, having rounded projections $g$, segments $G^1$, at the ends, a rod $G^3$, connecting said segments at the bottom, slats $G^4$, secured to the ends of the segments, handles $G^2$, placed between the end pairs of segments, a shaft $F^1$, upon which the handles and the upper parts of the end segments are journalled and provided with fast arms or links, the ends of which are pivotally supported at their ends, substantially as set forth. 4th. In a washing-machine, the combination of a series of triangular slats C, secured upon the concavely curved edges of ribs $C^1$, $C^2$, $C^3$, rods $C^4$, passing through said ribs, rods D, passing through said ribs, slats D, provided upon said rods, a segment $D^4$, secured to the upper end of each set of slats D, sides E, secured to the ribs $C^3$, arms $E^1$, secured to said sides, a stud $e$, on each side of said arms, a shaft $F^1$, having an arm or link F, secured to each end, having its free end journalled upon said stud, a beater or rubber consisting of segments G and $G^1$, having rounded projections $g$, a rod $G^3$, upon which the lower parts of said segments are secured, handles $G^2$, between the end segments $G^1$, end slats $G^4$, connecting the ends of said segments and said end segments and handles journalled upon the shaft $F^1$, substantially as set forth.

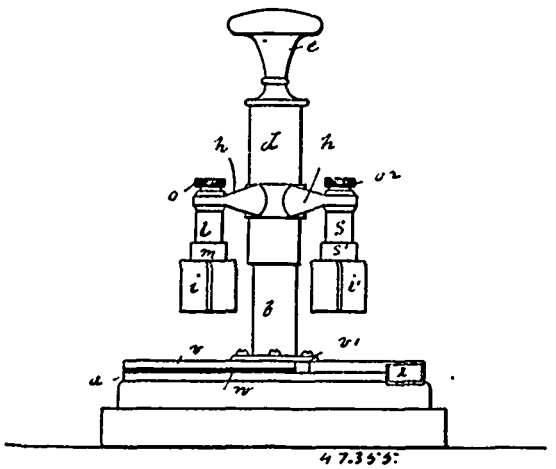
**No. 47,354. Letter and Bill File.** (*Serre-papier.*)




The Eclipse Office Furniture Company, assignee of William O. Gottwals, both of Ottawa, Ontario, Canada, 2nd November, 1894; 6 years.

*Claim.*—1st. In a letter and bill file, the combination of a stamped base A, having raised ridges $a$, $a^2$, $a^3$, and groove $a^1$, a cap plate D, secured to the upper face of said base, having a groove in the lower surface corresponding with the groove $a^1$, and being perforated at the ends and in the centre, two arches B, having their cross-shanks secured to the upper groove formed by the ridge $a$, so that the upright shanks lean rearwardly or upwardly, according as the base plate is horizontal or vertical, and having their points bevelled at the front and grooved, receiving wires C, formed in one piece with a cross-shank $c$, journalled in the bearing formed by the grooves $a^1$, and $d^1$, between the base A and cap D, and having its points bevelled and tongued to fit the points of the arches, a cam $C^1$, on said cross-shank adapted to bear on a spring and engage a notch therein, and a double spring E, $E^1$, bolted to said base and adapted to bear with its point on the said cam and to engage and lock the same by a notch $c$, substantially as set forth. 2nd. The combination of a rectangular piece of stamped sheet metal A, a groove $a$ in the lower surface forming a raised ridge at the upper surface, and having a perforation at each end, said groove forming a bed for the cross-shank of the arches, a groove $a^1$, parallel to the groove $a$, and forming part of a journal bearing for the cross-shank of the receiving wires, raised ridges $a^2$, extending from the perforated ends of the ridges $a^3$, extending from the ridge $a$, to the groove $a^1$, and a cap D, secured to the front edge of the base, and having a groove $d^1$ in its lower surface corresponding to the groove $a^1$, and forming therewith a journal bearing for the cross-shank of the receiving wire, and said groove being perforated in the centre, substantially as set forth. 3rd. The combination of a base A, having a groove $a^1$, in the front or lower edge, a cap plate D, having a groove $d^1$, in its lower surface corresponding to said groove $a^1$, and perforated at the ends, and in the centre which said cap is secured to said base, so that the two grooves form a journal bearing, and the receiving wire C, having a cross-shank $c$, journalled in said bearing $a^1$, $d^1$, and its upright shanks projecting through the perforations at the ends of the groove $d^1$, substantially as set forth. 4th. The combination of a base plate A, holding two arches rigidly and two receiving wires movably, two arch wires B, rigidly secured to said base so that the upright shanks have an upward or rearward inclination, according as the base plate is vertical or horizontal, two receiving wires C, formed in one piece on a cross-shank $c$, journalled in a groove on said base and held in piece by a cap plate, and adapted to have a rocking motion in said journal, a cam $C^1$, on a cross-shank of said receiving wires projecting upwards through a perforation in the cap plate, and adapted to be engaged by a spring E, secured to the upper surface of the base, and having its points provided with a notch $c$, adapted to engage said cam when the receiving wire is open and to press upon it when the cam is disengaged from the notch, and force it rearwardly or upwardly against the arches, substantially as set forth.

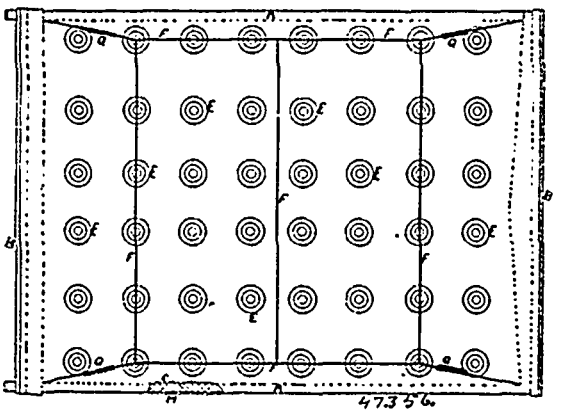
**No. 47,355. Apparatus for Affixing Adhesive Stamps.**
(*Appareil à coller des timbres adhésifs.*)




The Stamp and Label Affixing Machine Company, assignee of Bass Kennedy, both of Glasgow, Scotland, 2nd November, 1894; 6 years.

*Claim.*—1st. In an apparatus of the class set forth, the combination of a pedestal or pillar, a tube or equivalent sliding thereon and damping and stamping devices secured to said sliding tube, substantially as set forth. 2nd. The sliding tube $d$ made with a V-shaped slot $g$ in it, substantially as and for the purpose set forth. 3rd. The combination of the box $i$, damping pad $j$, and spring $k$ acted on by a piston $l$ or its equivalent, substantially as described and shown.

**No. 47,356. Bed Spring.** (*Sommier élastique.*)




The St. Thomas Manufacturing Company, assignee of Renfrew W. Gates and Richard C. Williams, all of St. Thomas, Ontario, Canada, 2nd November, 1894; 6 years.

*Claim.*—1st. The combination in a bed spring, of two woven wire webs under tension, with spiral springs placed between the said webs, substantially as and for the purpose set forth. 2nd. The combination with the woven wire webs, of a skeleton frame of wire or flat flexible metal provided with coiled springs and suspended from the angles of the main frame, substantially as and for the purpose set forth. 3rd. The combination with a woven wire web, of a strand or strands of heavy wire, spirally woven and interlocked in the edges of the web, substantially as and for the purpose set forth. 4th. In a bed spring the combination with the woven wire webs, of a frame, having elevated bearing bars B, B, and adjusting screws A and B, with clips C, substantially as and for the purpose set forth.

**No. 47,357. Syringe.** (*Seringue.*)

Watter Freeman Ware, Camden, New Jersey, U.S.A., 2nd November, 1894; 6 years.

*Claim.*—1st. In a syringe, the combination of a barrel, the piston