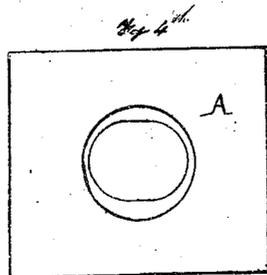
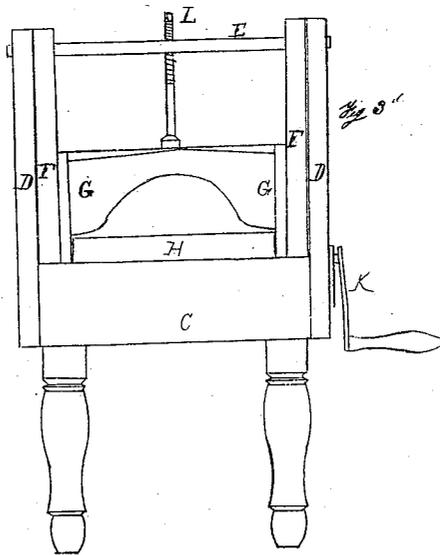
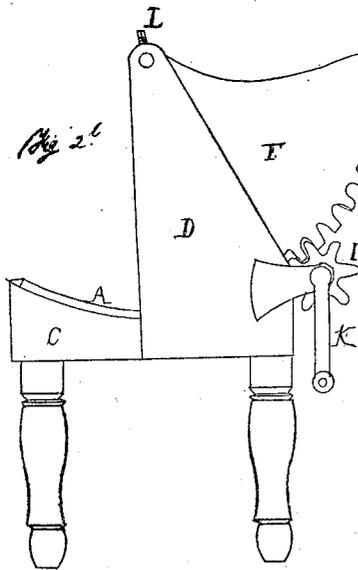
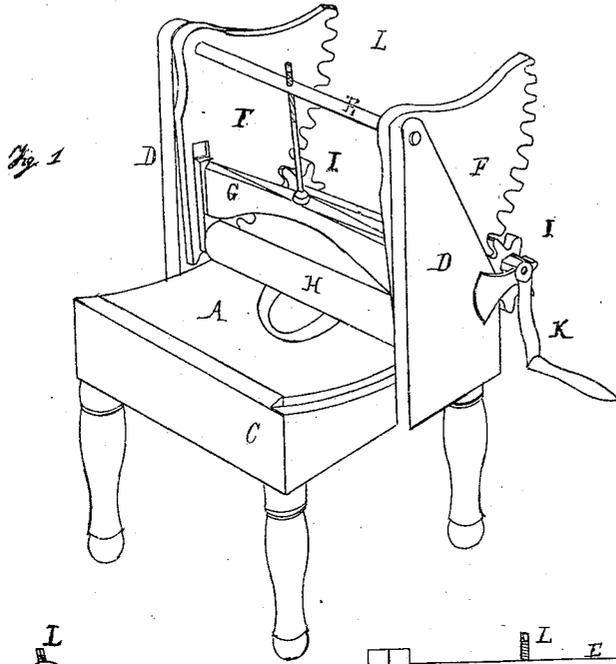


S. E. Peitee.
Pressing.

No. 12353

Patented Feb. 6. 1855.



UNITED STATES PATENT OFFICE.

S. E. PETTEE, OF FOXBOROUGH, MASSACHUSETTS.

PRESSING HATS AND BONNETS.

Specification of Letters Patent No. 12,353, dated February 6, 1855.

To all whom it may concern:

Be it known that I, S. E. PETTEE, of Foxborough, in the county of Norfolk and State of Massachusetts, have invented a new and useful Machine for Pressing Hats or Bonnets; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the drawings herewith presented, making a part of this specification, in which—

Figure 1 is a perspective view, Fig. 2 is a side elevation, Fig. 3 a front elevation, and Fig. 4 a plan of the bed, the same letters referring to the same parts in all.

My invention consists in constructing a bed, A, of metal with a hole in the central part fitted with a rim to adjust to different sizes as a separate bed may be used for the different sizes with the aperture in each fitted to the crown of the size for which it is to be used, the said bed is so arranged as to be conveniently heated by steam, lamps, or other means, and bent or curved so as to correspond to a portion of the surface of a hollow cylinder, and supported by a frame as, C, to which I attach to uprights D D to support shaft, E, which is placed in center point of the sweep of the bed A. On shaft E I place two arms or segments F F having a slide frame G fitted into them holding roll, H, the segments F F having racks to gear into wheels I I made fast to shaft on which is crank K, the shaft E being made with a nut in the middle of it through which passes the screw (L) so arranged as to give any required pressure through the roll H upon bed A. The above construction will be somewhat varied in my machine in adapting it to different kinds of work, this being adapted to press the rims of the style

of braid hats or bonnets known as flats, or bloomers.

The operation of the machine is as follows, the bed being heated and the work or hat placed upon it with the damp cloths commonly used in pressing braid work in which it is desirable to lay the braid even, and not give it any gloss (the said gloss being the great difficulty in the use of smoothing irons), then by turning the crank carry the roll across one or more times, as found necessary, giving any pressure required by the screw L, giving the work a smooth even surface as desired, entirely avoiding the trouble of joining, experienced in pressing in the usual way. It is evident that the use of the roll may be used in other ways as the bed may be made flat and the roll to swing in a horizontal plane around a center or the roll made stationary and the bed made to pass it and the roll may be heated instead of the bed or the form of the machine so varied as to adapt the use of the roll to all parts of the hat or bonnet.

I do not claim the pressing of hats by machinery nor the use of heated materials or damp cloths as such but

What I do claim as new and desire to secure by Letters Patent is—

I claim the combination of the curved heated bed plate A with the roller H for the purpose of pressing hats and bonnets whereby I am enabled to use a rolling pressure in contradistinction from a sliding pressure given by smoothing irons, or any other substantially the same.

S. E. PETTEE.

Witnesses:

JOHN H. BREWER,
JAS. G. ARNOLD.