

(No Model.)

T. C. SEARCH.
MOLD FOR CURLING HAT BRIMS.

No. 579,368.

Patented Mar. 23, 1897.

FIG. 1.

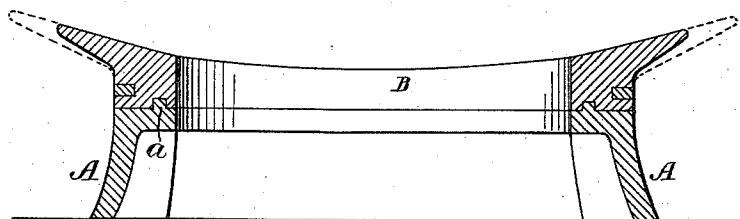


FIG. 2.

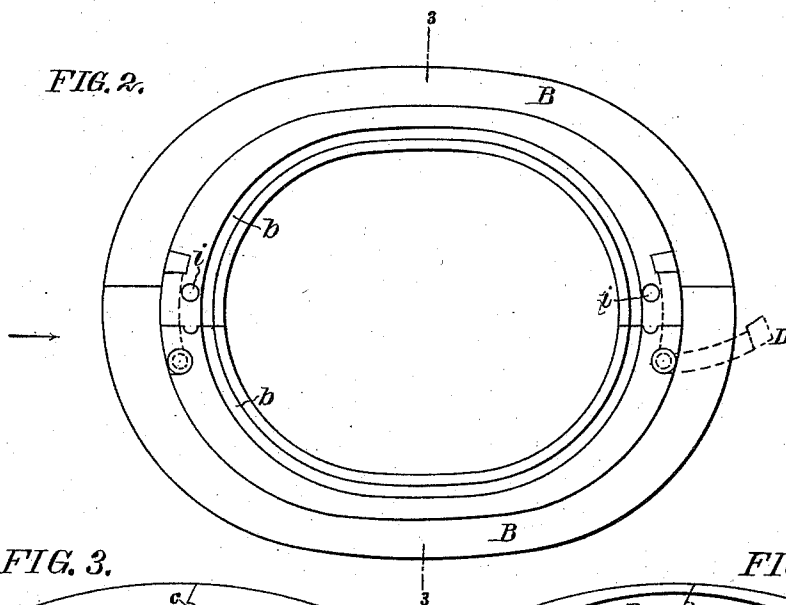


FIG. 3.

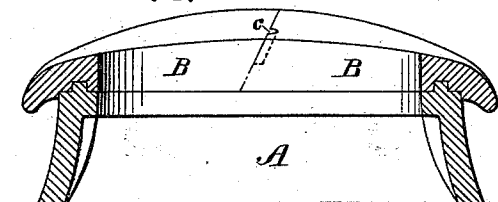


FIG. 4.

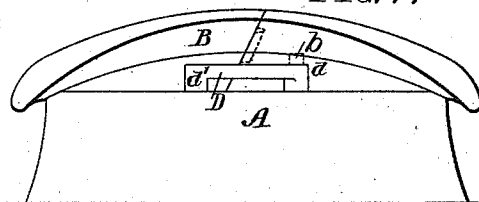


FIG. 5.

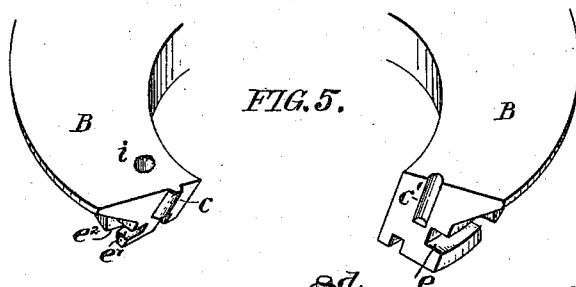
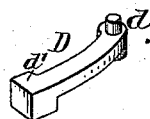


FIG. 6.



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MOLD FOR CURLING HAT-BRIMS.

SPECIFICATION forming part of Letters Patent No. 579,368, dated March 23, 1897.

Application filed September 22, 1894. Serial No. 523,832. (No model.)

To all whom it may concern:

Be it known that I, THEODORE C. SEARCH, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Molds for Finishing and Curling Hat-Brims, of which the following is a specification.

The object of my invention is to make a hat-mold flange in two parts, so that it can be readily removed without damaging the curled edge of the hat after the edge is formed, and to lock the parts together with locks flush with the outer surface of the parts. By my invention not only can the hat be readily removed from the hat-mold, but the molds can be made interchangeable, as fully described hereinafter, reference being had to the accompanying drawings, in which—

Figure 1 is a longitudinal section of my improved hat-mold. Fig. 2 is an inverted plan view of the mold-flanges. Fig. 3 is a section on the line 3 3, Fig. 2. Fig. 4 is an end view looking in the direction of the arrow, Fig. 2. Fig. 5 is a perspective view of part of the two flanges detached, and Fig. 6 is a perspective view of the lock.

A is the base, having an annular tongue *a*, adapted to a groove *b* in the under side of each mold-flange B B, so that when the flanges are mounted on the base they will be properly centered. The mold for the brim of the hat is made in two parts, as clearly shown, so that when the hat-blank is set on the molds and properly formed by simply removing the molds from the base and turning the hat right side up and unlocking the mold they can be readily removed from the curl of the brim of the hat without tearing or damaging the formed edge.

I preferably make the joints inclined, as indicated in Fig. 4, and form a tongue *c* on one flange adapted to a groove *c'* in the opposite flange, so that when the two flanges are brought together, as in Figs. 3 and 4, they will interlock.

D is a lock having a pin *d*. This lock rests in grooves *e e'* in the flanges, Fig. 5, and the pivot-pin *d* is adapted to an orifice *b*, as clearly shown in Fig. 4. The head of the lock passes into an opening *e²* on the opposite flange, so that when the lock is pivoted to one flange it

can be turned into the grooves *e e'* and into the opening *e²*, and it will be flush with the periphery of the flange, as indicated in Figs. 1 and 2, the head and the pivot of the lock holding the flanges together. The lock neatly fits the grooves, so that by simply pressing it in position it will readily hold the parts together.

I make the hole in one flange at *i* directly back of the lock, so that by passing a tool in the opening the lock can be forced out a sufficient distance to allow it to be readily grasped by the hand and withdrawn to the position shown by dotted lines in Fig. 2.

I preferably arrange one lock at each end of the hat-curl, as shown in Fig. 2.

Brim or molds of different shapes may be readily substituted for the mold shown in the drawings without departing from my invention.

In molding a hat the operator places the proper two-part brim-mold upon the base A and then locks the parts together. The hat-blank is then inserted in the mold and its brim turned over the edge of the brim-mold to give it the proper curve and shape, after which the hat and the brim-mold are removed from the base and reversed. The brim-mold is then unlocked, so that one part will be independent of the other, and as the joint is made on an incline one part can be readily turned within the brim and removed without tearing or disfiguring it, after which the opposite part can be removed. By making the lock in the manner shown all projections are dispensed with.

I claim as my invention—

1. The combination of the two parts of a brim-mold with a lock or locks pivoted at one end upon one part of the mold and having rigid heads on the other ends thereof, for entering openings in the other part of the mold, thereby securing the two parts together, said locks being flush with the surface of the mold, substantially as described.

2. The combination in a hat-mold, of the base, the two-part brim-mold mounted thereon and having inclined joints, with locks for locking the two parts together, substantially as described.

3. The combination of a hat-brim mold, of

the base, the two-part brim-mold adapted thereto having inclined joints, a tongue on one part adapted to a groove in the other part, with locks for locking the two parts together, substantially as described.

4. The combination of the base, the two-part brim-mold having inclined joints, slots in the end of each part of the brim-mold, a locking-bar adapted to the slots, said locking-bar having a pin on one end, and a head

on the opposite end so that when the parts are locked the bar will be flush with the periphery of the mold, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THEODORE C. SEARCH.

Witnesses:

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J. H. CUMMINGS.