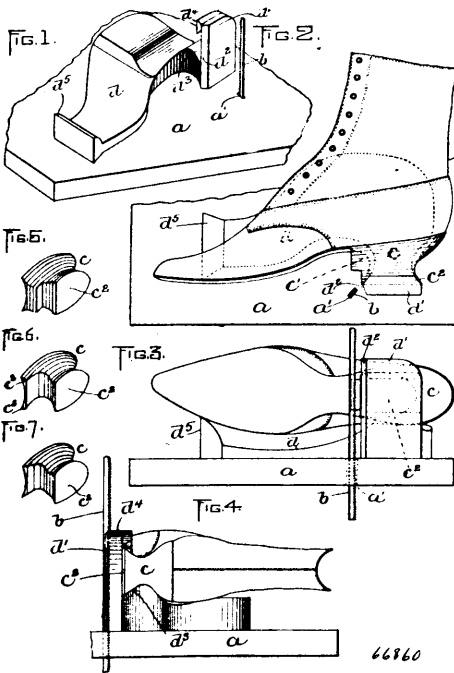


portion, the locking bar held horizontally in an annular recess in the inner wall of the neck, glass cutting wheels journaled in recesses in said bar, and disposed directly over said annular groove in the outer wall of the neck, and means for turning said bar, as set forth. 9th. A non-refillable having a neck with an annular in its outer wall, a locking bar and glass cutting wheels carried thereby, the locking key having a notch at its lower end adapted to receive said bar, the lower ends of said key adapted to rest upon a shoulder on the inner wall of the neck, as set forth.

No. 66,860. Heel Breasting Machine.

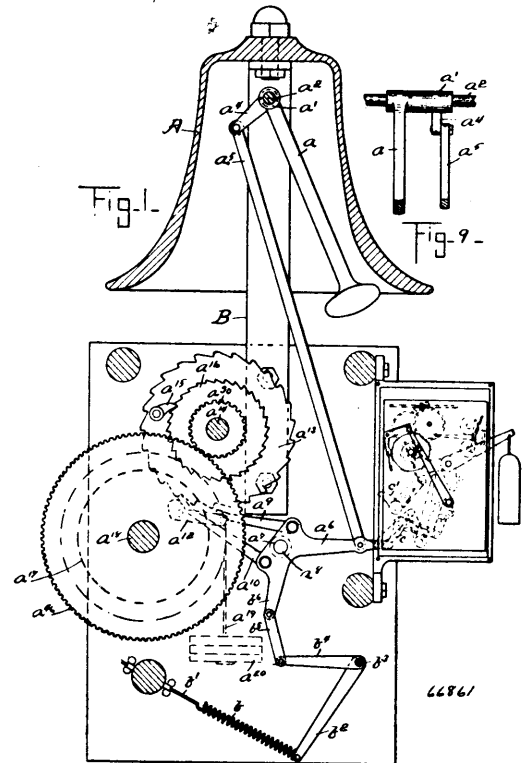
(Machine pour finir les talons de chaussures.)



Placide Hébert and George Herbert Cushman, both of Lynn, Massachusetts, U.S.A., 31st March, 1900; 6 years. (Filed 19th March, 1900.)

Claim.—1st. A heel breasting machine, comprising a saw, a table or support substantially at right angles with the saw, and a carrier movable horizontally on the table and having an upper surface which affords a support on which a boot or shoe, placed sidewise, is movable or adjustable by the hands of the operator, whereby a shoe of any size and shape supported by the slide may be adjusted to make the front edge of the top lift of its heel parallel with the operative portion of the saw. 2nd. A heel breasting machine, comprising a saw, a table or support substantially at right angles with the saw, and a carrier movable horizontally on the table and having an upper surface which affords a support on which a boot or shoe, placed sidewise, is movable or adjustable by the hands of the operator, and a vertical gauge adapted to guide the operator in giving the front edge of the top lift a vertical position parallel with the operative portion of the saw. 3rd. A slide or carrier movable horizontally on a table and having an upper surface on which a boot or shoe, placed sidewise, is movable or adjustable by the hands of the operator, whereby a shoe of any size and shape supported by the slide may be adjusted to bring the front edge of the top lift to a predetermined position. 4th. A slide or carrier movable horizontally on a table and having an upper surface on which a boot or shoe, placed sidewise, is movable or adjustable by the hands of the operator, and a vertical gauge affixed to the slide and adapted to guide the operator in properly positioning the front edge of the top lift of a boot or shoe heel. 5th. A slide or carrier movable horizontally on a table and having a tread rest formed to bear on the tread surface of a French heel when the latter is turned on its side, and a side rest formed to bear on the under side of said heel. 6th. A slide or carrier movable horizontally on a table and having a tread rest formed to bear on the tread surface of a French heel when the latter is turned on its side, and top and bottom side rests formed to bear on the top and bottom sides of the heel.

No. 66,861. Bell Striker. (Battant de cloche.)



Gamewell Fire Alarm Telegraph Company, New York City, New York, assignee of Frederick William Cole, Newton, Massachusetts, U.S.A., 31st March, 1900; 6 years. (Filed 8th February, 1900.)

Claim.—1st. In a bell striker, a striking arm, means for moving it positively in each direction to strike a blow, a detent for locking it after each movement, an actuating lever connected with and adapted to operate said detents to release the striking arm, a locking device for said actuating lever and a toothed wheel driven by a power propelled train for operating said locking device to release said actuating lever, substantially as described. 2nd. In a bell striker, a striking arm, means for moving it positively in each direction to strike a blow, a detent for locking it after each movement, an actuating lever connected with and adapted to operate said detents to release the striking arm, a locking device for said actuating lever, a toothed wheel driven by a train for operating said locking device to release said actuating lever, and means operated by the striking arm when moving in both directions for returning said actuating lever into engagement with said locking device and returning said detents to locking position, substantially as described. 3rd. In a bell striker, a striking arm, means for moving it positively in each direction to strike a blow, a detent for locking it after each movement, a train-controlled mechanism for operating said detents at predetermined times to release the striking arm, and means operated by the said striking arm for winding up the motive power of said train, substantially as described. 4th. In a bell striker, a striking arm, means for moving it positively in each direction to strike a blow, a detent for locking it after each movement, a train-controlled mechanism for operating said detents at predetermined times to release the striking arm, and means operated by the said striking arm when moving in both directions for winding up the motive power of said train, substantially as described. 5th. In a bell striker, a striking arm, means for moving it positively in each direction to strike a blow, a detent for locking it after each movement, an actuating lever connected with and adapted to operate said detents to release the striking arm, a locking device for said actuating lever, a toothed wheel driven by a train for operating said locking device to release said actuating lever, means operated by the striking arm when moving in both directions for returning said actuating lever into engagement with said locking device and returning said detents to locking position, and means also operated by said striking arm when moving in both directions for winding up the motive power of said train, substantially as described. 6th. In a bell striker, a striking arm, means for moving it positively in each direction to strike a blow, a detent for locking it after each movement, toggle levers connected with said detents for operating them to release the striking arm, an actuating lever for said toggle levers, a locking device for said actuating lever, and means for