N. Day,

Boot Crimp,

No. 52,394. Patented Feb. 6, 1866.

Fig. 1.

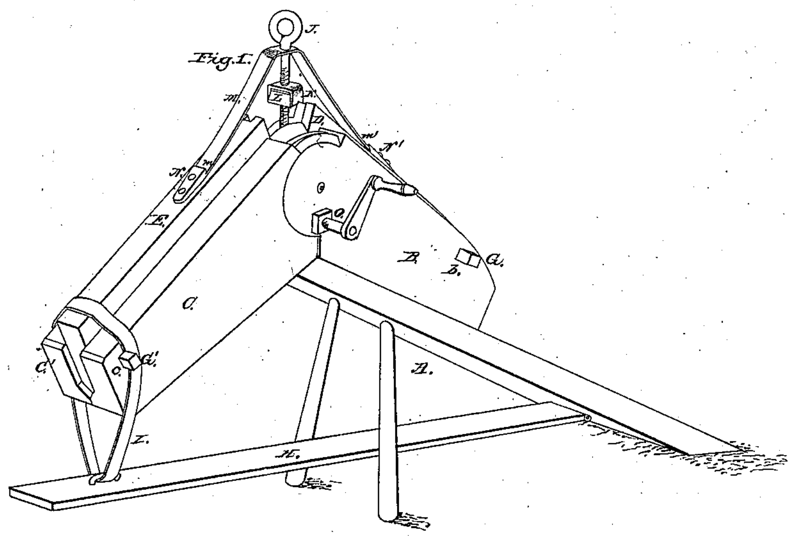
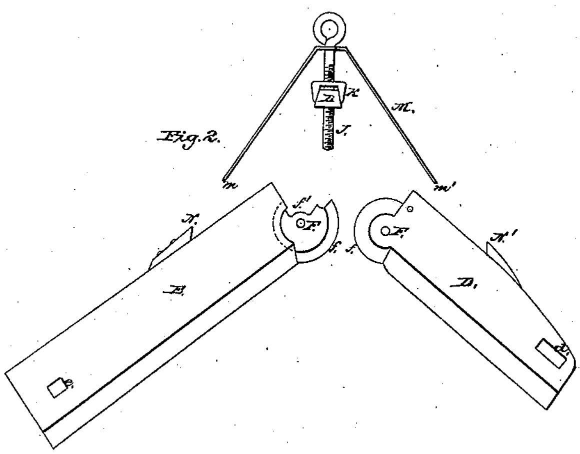


Fig. 2.



Attest: [signature]

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UNITED STATES PATENT OFFICE.

NATHAN DAY, OF ITHACA, OHIO.

IMPROVED BOOT-CRIMP.

Specification forming part of Letters Patent No. **52,394**, dated February 6, 1866.

To all whom it may concern:

Be it known that I, NATHAN DAY, of Ithaca, Darke county, Ohio, have invented a new and useful Boot-Crimp; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

This invention relates to a new and improved device for forming the uppers of boots of that class in which a jointed crimping-board is adapted to be used in combination with a similarly-jointed clamp.

Figure 1 is a perspective view of a crimp embodying my improvements. Fig. 2 is a side elevation, showing the two members of the crimping-board and the stretcher detached.

A is a horse, composed of a slanting board resting at one end upon the ground and supported at its other end by two legs.

To the horse A I firmly attach the two members B B′ of my clamp B C B′ C′. To the fixed members B B′ are hinged the members C C′.

D and E constitute, respectively, the foot and leg of my crimping-board, said foot and leg being hinged together at F.

The clamp and crimping-board are perforated at *b*, *c*, *d*, and *e*, to receive pins G G′, which, being inserted, compel the board and clamp to move in unison. The perforations *d* and *e* are made oblong in order to permit these movements.

H is a treadle, hinged to the under side of the horse A, and provided with a loop, I, which, being engaged over the members C, C′, and E of the clamp and board, collectively, enable them to be folded down in the operation of crimping.

The central plate or leaf, *f*, of the hinge F is indented at *f′* to receive the point of my vise-screw J, which screw is provided with the customary nipper-jaws K L and a bridge, M, whose points *m m′* are introduced under lips N N′, which project from the back edges of the foot and leg, respectively.

O is a screw, by which the parts B C and B′ C′ are made to approach or recede from each other.

The parts J, K, L, and M, I style, collectively, the "stretcher."

Operation: The crimping-board being brought to its straight position, an upper being tacked over its front edge and made fast in the vise K L in the usual manner, and the clamp being also brought to its straight or extended position, the board D E is then placed in the clamp and secured there by the insertion of the pins G G′, and the parts B C and B′ C′ of the clamp are made to snugly compress the upper against the board by means of the screw O. The loop I is now thrown over the clamp and board, and the operator's foot being applied to the treadle H the clamp and board are deflected downward, as seen in Fig. 1, the vise being relaxed at the same time, if necessary, in the usual way.

The crimp being sufficiently deflected, the ends of the bridge M are inserted under the lips N N′, and the screw O being relaxed, the board, with its upper smoothly and completely crimped, may be removed from the clamp and hung up to dry.

I claim herein as new and of my invention—

1. The arrangement of the jointed and lipped crimping-board D E N N′ and stretcher J K L M, for the purpose set forth.

2. The described combination of horse A, jointed clamp B C B′ C′, jointed crimping-board D E, loop I, treadle H, and pin G, for the purpose explained.

In testimony of which invention I hereunto set my hand.

NATHAN DAY.

GEO. H. KNIGHT,
JAMES H. LAYMAN.