

J. S. King,

Making Cut Nails,

N^o 18,454.

Patented Oct. 20, 1857.

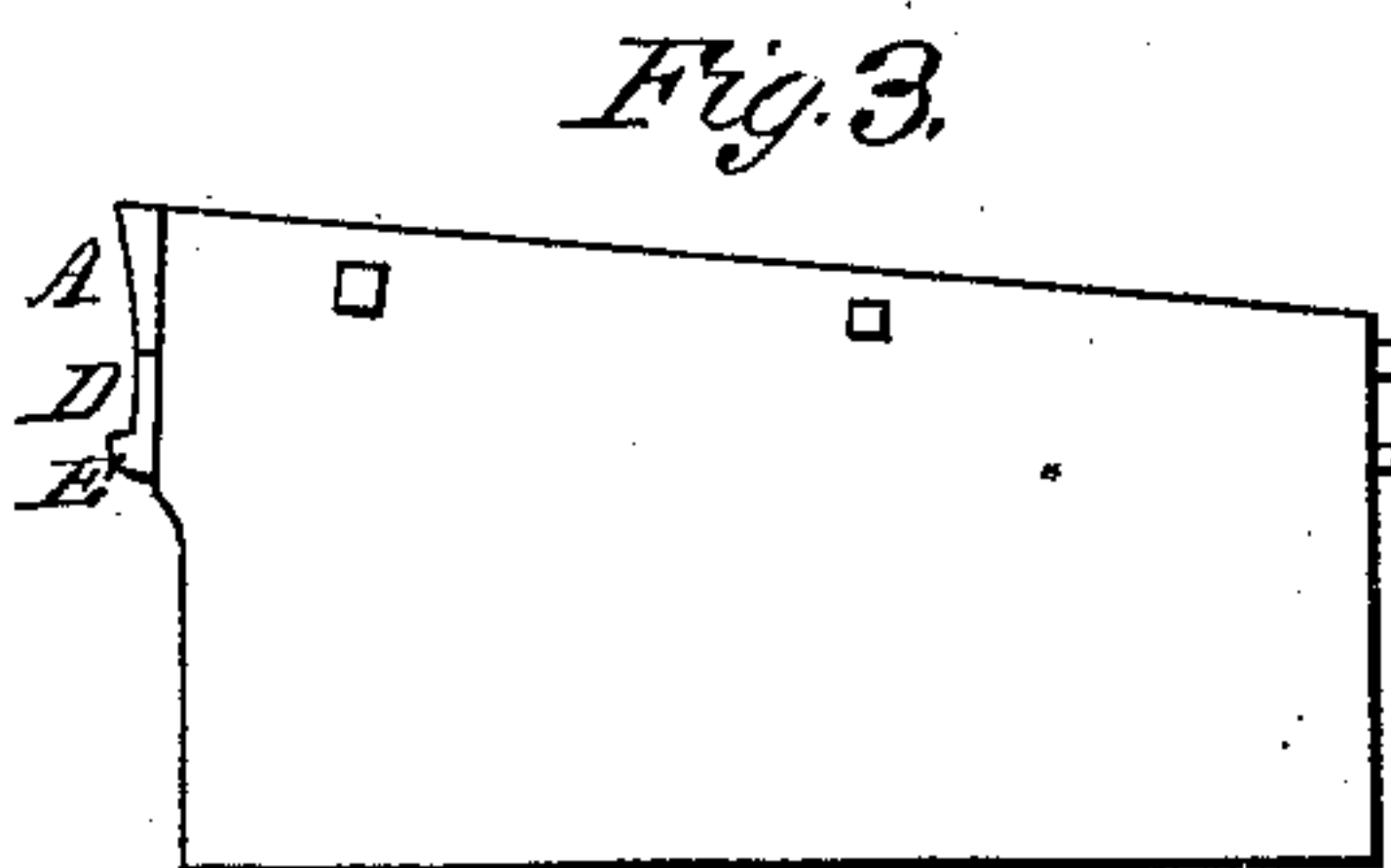
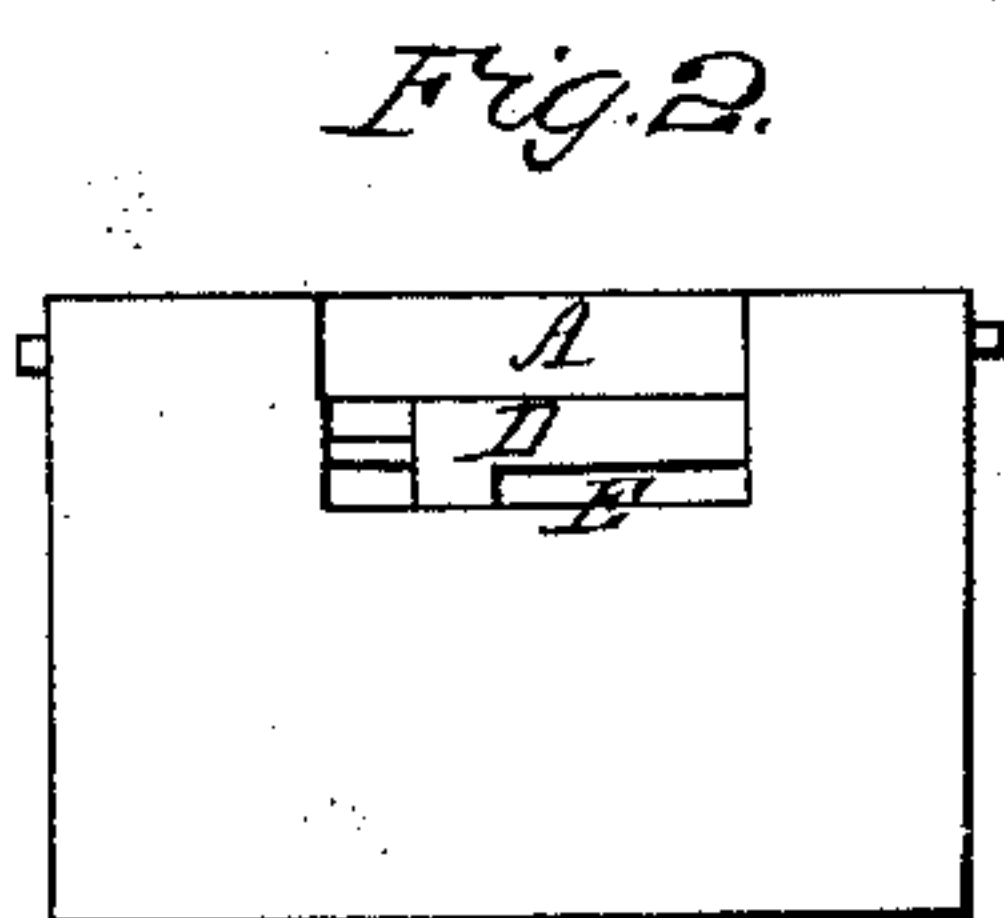
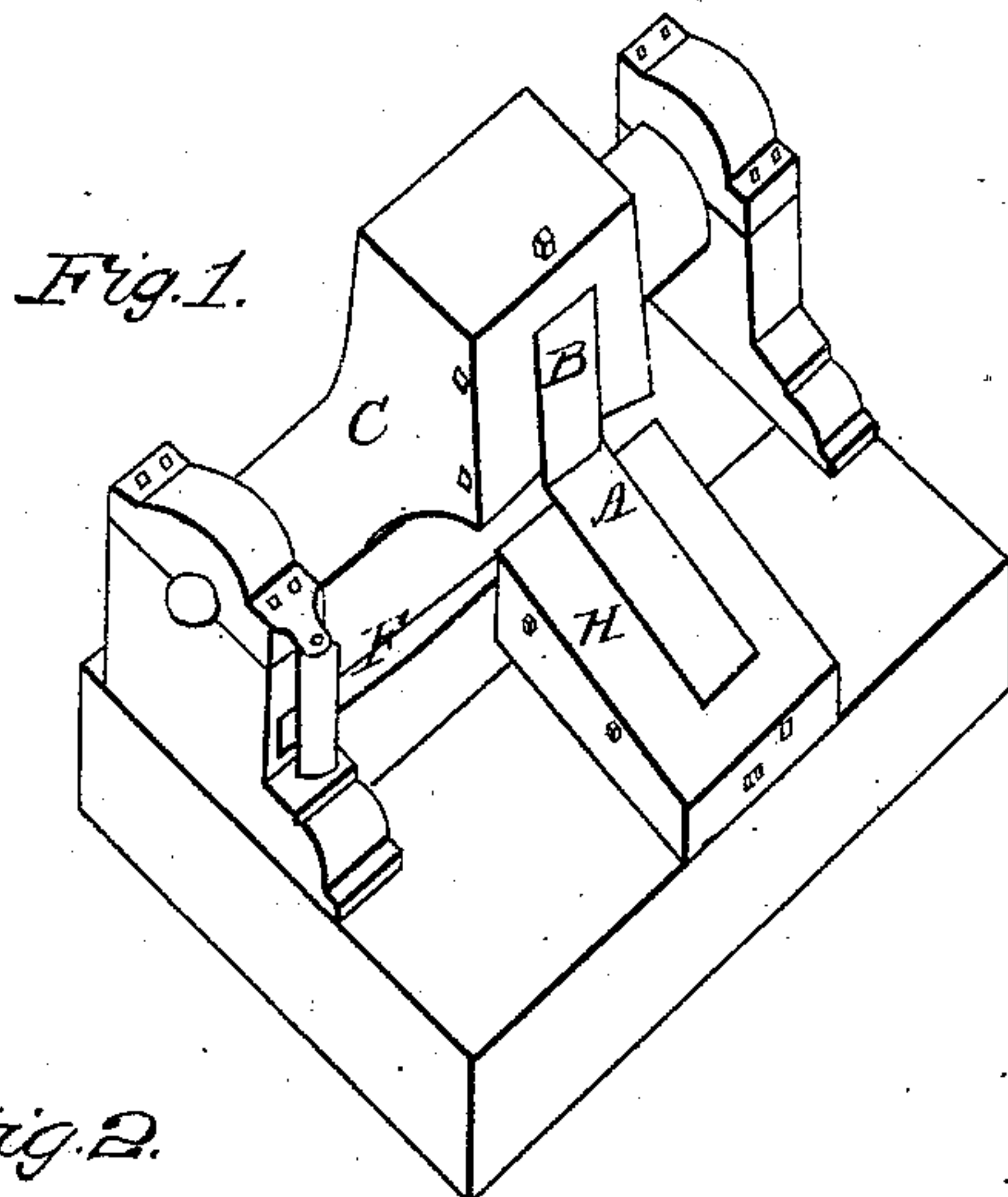


Fig. 5.

Fig. 6.

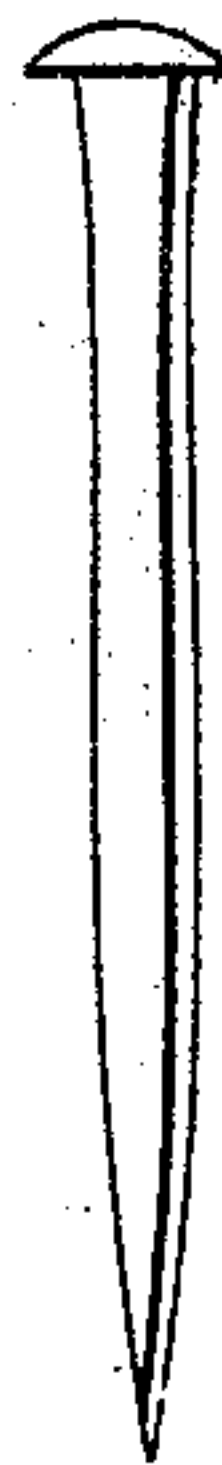
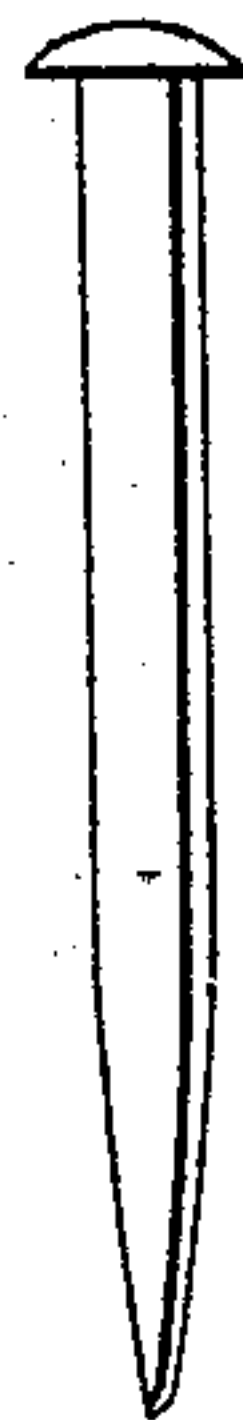
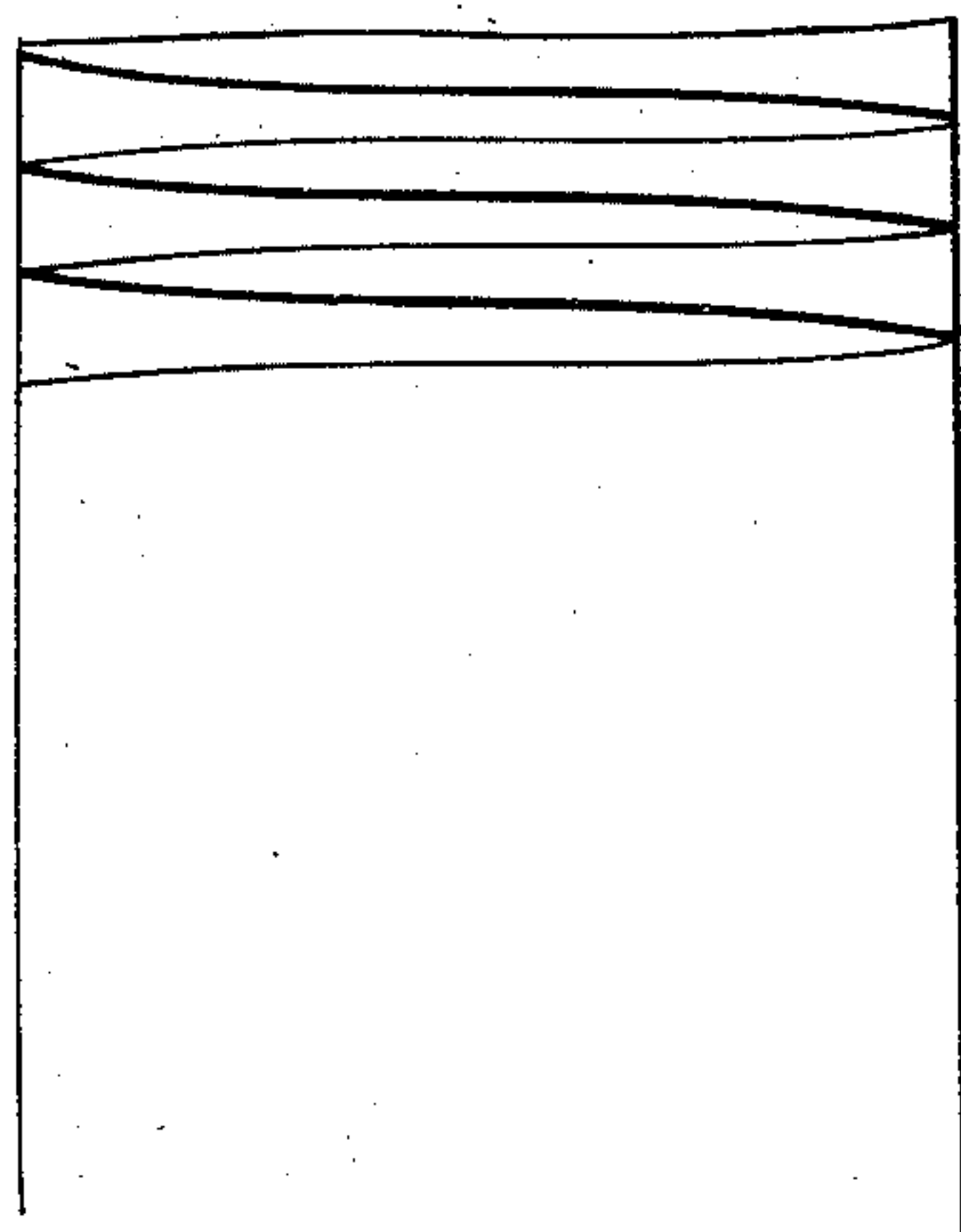


Fig. 4.



Witnesses:
Enoch King,
Stephen King

Inventor:
J. S. King

UNITED STATES PATENT OFFICE.

J. S. KING, OF RAYNHAM, MASSACHUSETTS.

NAIL-MACHINE.

Specification forming part of Letters Patent No. 18,457, dated October 20, 1857; Reissued August 2, 1859, No. 787.

To all whom it may concern:

Be it known that I, JAHAZIAH S. KING, of Raynham, in the county of Bristol and State of Massachusetts, have invented a new
5 and useful Improvement in Machines for the Manufacture of Cut Nails and Spikes; and I do hereby declare that the following is full and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in
10 which—

Figure 1 is a perspective view of that part of a nail machine, requisite to show said improvement. Fig. 2, an end view of
15 that part containing the heading die, bed-piece and bed-knife. Fig. 3, a side view of the same, Fig. 4, a portion of a nail plate, showing the form of the nail before heading, and also the form of the edge of the knives;
20 Fig. 5 a view of a nail showing the point as cut by the improved knives, and Fig. 6 the same after being pressed into its proper shape.

In Fig. 1, A is the bed-knife, B, the moving knife, C, the cutting jaw, F, the nipper
25 and H, the bed piece, or bed frame.

In Fig. 2, D, is the bed or back piece, A, the bed-knife and E, the lip or projection of the back piece against which the nail is
30 pressed to form the point.

My improvement in nail-making or

spike-making machinery consists in combining a properly shaped lip E, with the after end of the bed-piece H, in such a position in relation to the bed-knife A, and the moving-
35 knife B, that the point-end of a nail will rest upon said lip, immediately after it has been severed from the nail plate, and will be so firmly compressed between said lip and the outer end of the moving-knife as to
40 bring it to as sharp a point as is ordinarily given to a wrought nail—as represented in Fig. 6. This, my improved manner of pointing a cut nail, or spike, enables the
45 knives of the machine to be so shaped as to leave more stock in the nail or spike near the point than is ordinarily done, by which I am enabled to give to the said articles the precise form of hammered nails or spikes.

What I claim as my invention and desire
50 to secure by Letters Patent, is—

Pointing a cut-nail, or spike, immediately after it has been severed from the nail-plate, by compressing its point between the
55 lip E, and a portion of the outer end of the moving knife B, substantially as herein set forth.

J. S. KING.

Witnesses:

ENOCH KING,
STEPHEN KING.