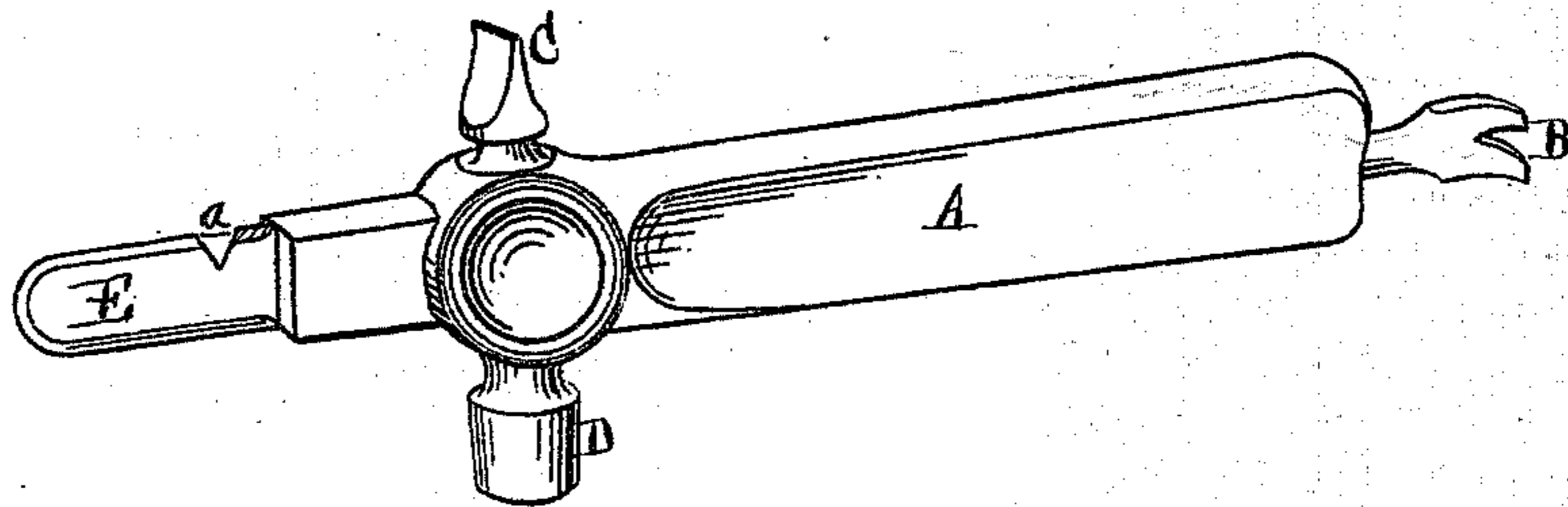


**M. J. HINDEN.**  
**Box-Openers.**

No. 144,454.

Patented Nov. 11, 1873.



ATTEST :

*H. J. Sprague*  
*H. F. Everts*

INVENTOR :

*M. J. Hinden*  
By Atty -  
*Phil. S. Sprague*

# UNITED STATES PATENT OFFICE.

MATHIAS J. HINDEN, OF DETROIT, MICHIGAN, ASSIGNOR TO HIMSELF AND  
ADOLPH FREUND, OF SAME PLACE.

## IMPROVEMENT IN BOX-OPENERS.

Specification forming part of Letters Patent No. **144,454**, dated November 11, 1873; application filed  
February 18, 1873.

*To all whom it may concern:*

Be it known that I, MATHIAS J. HINDEN, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Box - Openers; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, and being a part of this specification, in which my invention is shown in perspective.

The nature of this invention relates to the construction of a combined tool, especially designed for the use of cigar-packers, combining with one handle a claw for withdrawing nails, a hammer-head for starting, and another for driving the nail home, a blade for loosening and removing covers of boxes, and a jaw for withdrawing nails so bent that they cannot be removed with the claw. The invention consists in the combination and arrangement of the various parts, as more fully hereinafter described.

In the accompanying drawings, A represents the handle; B, the claw for withdrawing nails; C, the pointed hammer for starting the nails in driving; D, the hammer-head for driving the nails home, and E the blade for starting the covers of small boxes. This blade is provided with a notch, *a*, with which crooked nails may be removed. The whole may be cast in one piece, of suitable metal; or the blade may be made of steel and inserted in the handle and secured by a rivet.

A tool thus made is all that a cigar-packer needs for opening and nailing up the boxes.

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

As a new article of manufacture, the described implement, having the handle A, claw B, hammer-heads C D, and blade E, as herein specified.

MATHIAS J. HINDEN.

Witnesses:

H. F. EBERTS,  
H. S. SPRAGUE.