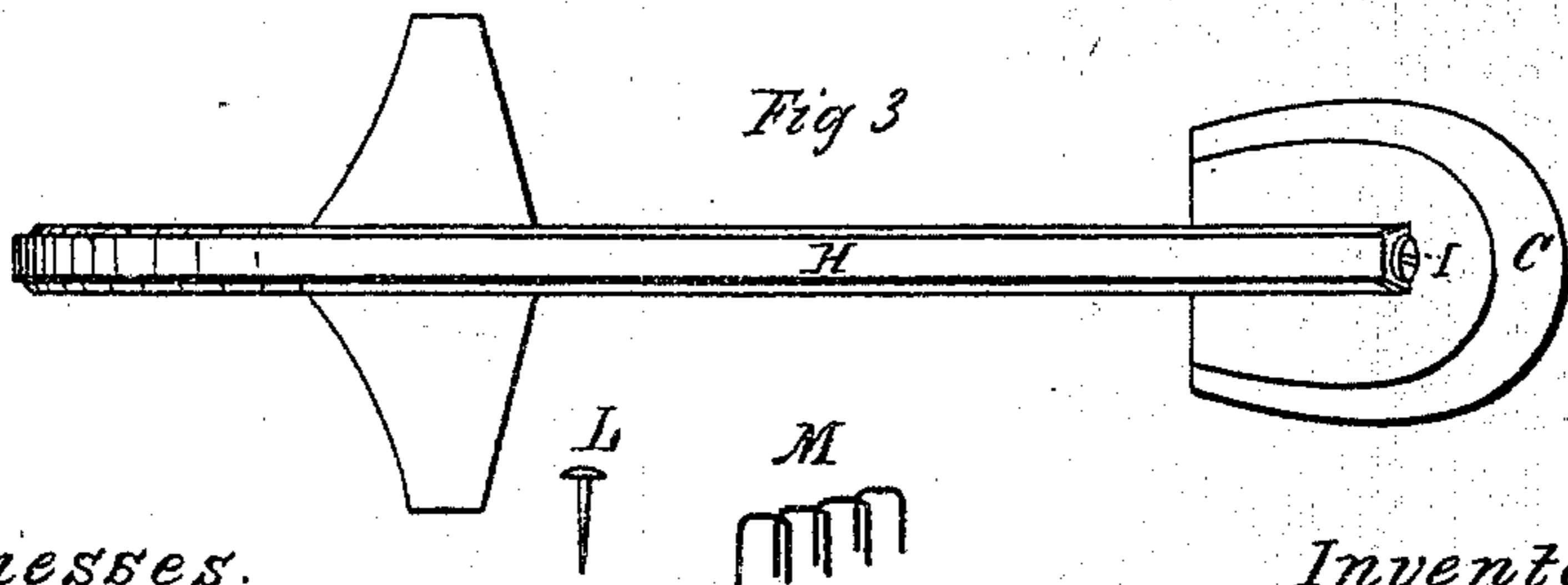
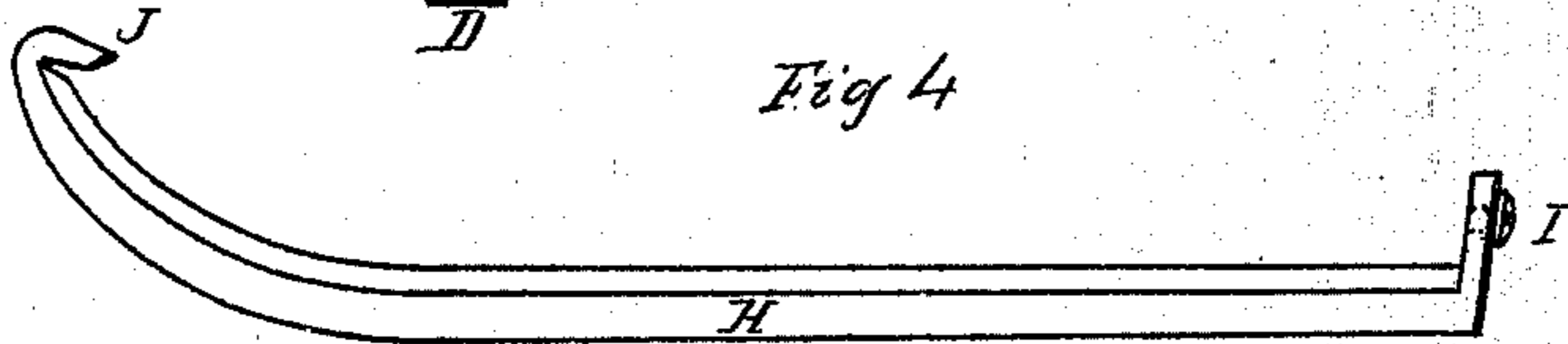
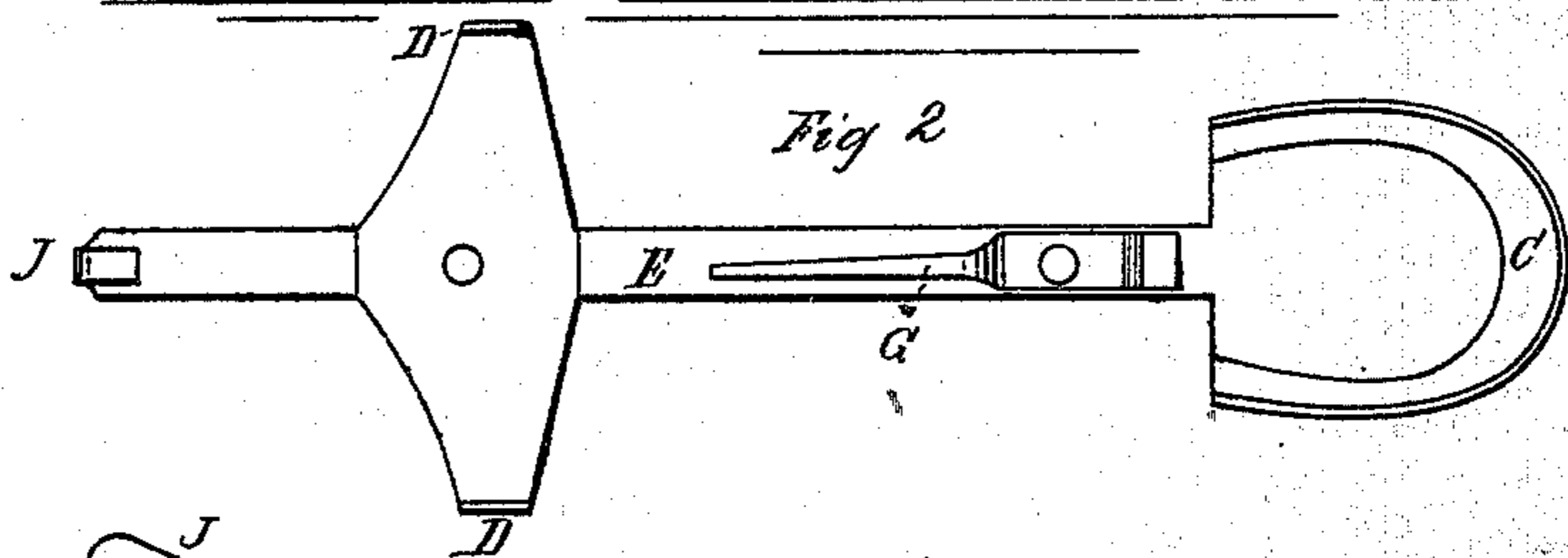
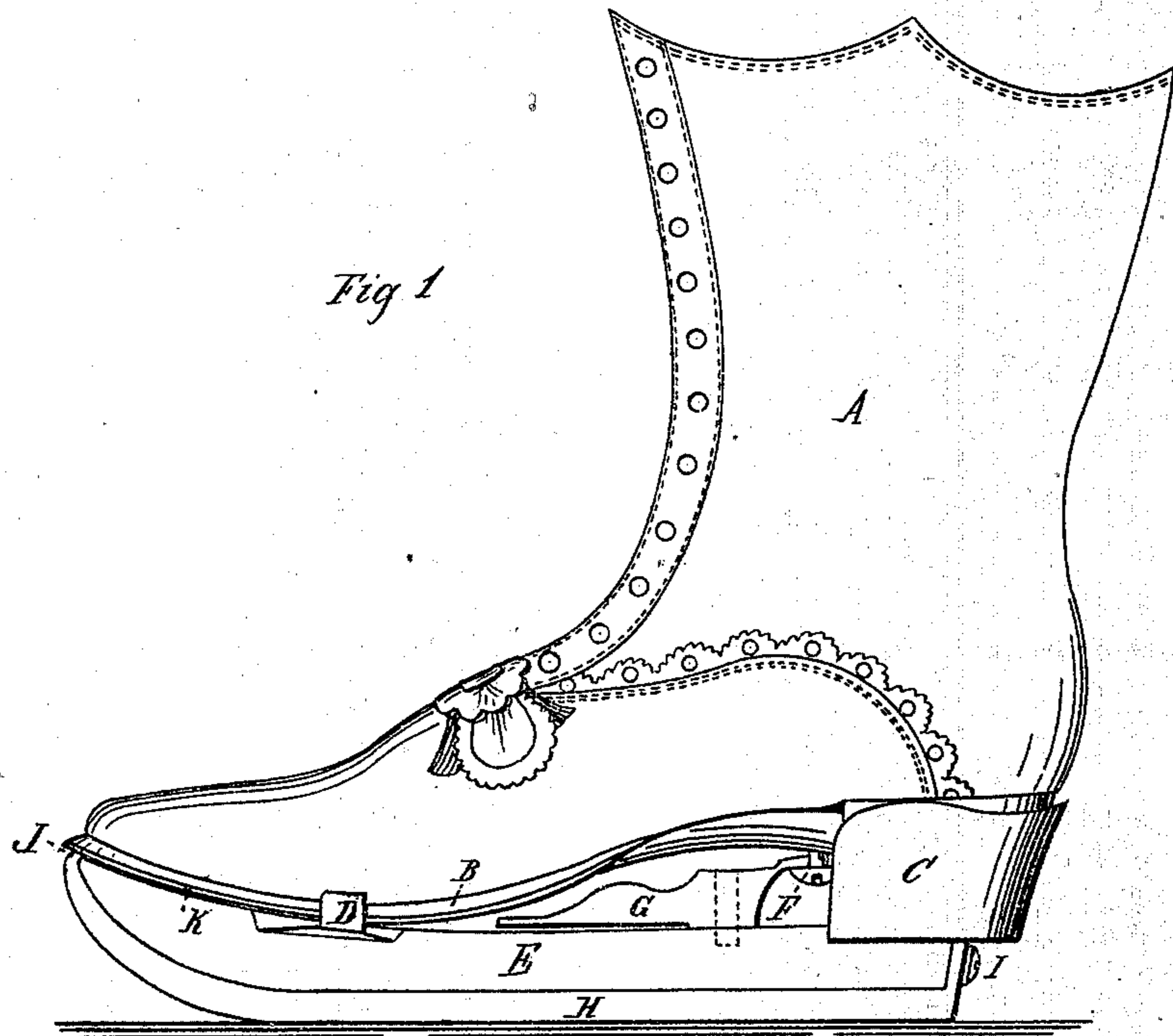


W. STRASSER.  
Skates.

No. 139,628.

Patented June 3, 1873.



Witnesses.

Inventor.

William M. Connell  
Sam S. Baughman

Wendell Strasser

# UNITED STATES PATENT OFFICE.

WENDELL STRASSER, OF TAYLORSVILLE, OHIO, ASSIGNOR TO HIMSELF AND  
SAMUEL S. BAUGHMAN.

## IMPROVEMENT IN SKATES.

Specification forming part of Letters Patent No. **139,628**, dated June 3, 1873; application filed  
October 17, 1872.

*To all whom it may concern:*

Be it known that I, WENDELL STRASSER, of Taylorsville, in the county of Muskingum, and State of Ohio, have invented a new and Improved Skate; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side view of my improved skate, with a shoe attached. Figs. 2 and 3 are, respectively, top and bottom views of the skate. Fig. 4 is a side view.

The invention relates to an improved means of connecting skates to boots or shoes having a wooden sole, or to the boots or shoes ordinarily worn, as hereinafter described.

To this end I construct the skates as follows: A wooden sole, B, is secured to the leather uppers A of a shoe, by means of nail and staples L M, (Fig. 3,) and the sole is detachably connected to the skate by a lug, G, and screw F, which engage, as shown in Fig. 1. The lug is formed in one piece with

the bar E, or attached to it in any suitable manner as preferred. The heel-cap C flanged, cross-piece D, and bar E, are preferably formed in one piece of metal, (brass.) Said bar is grooved in its under side to receive the runner H, and the two are secured together by a hook, J, and a screw, I, passing through the heel of the runner. Thus constructed, the shoe A B may be readily detached from the skate by turning the screw F, and the runner H from the bar E by removing the screw I.

I thereby also adapt the skate to be attached to the boots or shoes ordinarily worn.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The fixed lug G and screw F, in combination with the bar E, a toe-piece or rest, and heel-cap, as set forth.

WENDELL STRASSER.

Witnesses:

WILLIAM M. CONNELL,  
SAM. S. BAUGHMAN.