

(No Model.)

J. PETERMAN & S. SMITH.

CARPET STRETCHER.

No. 272,468.

Patented Feb. 20, 1883.

Fig. 1

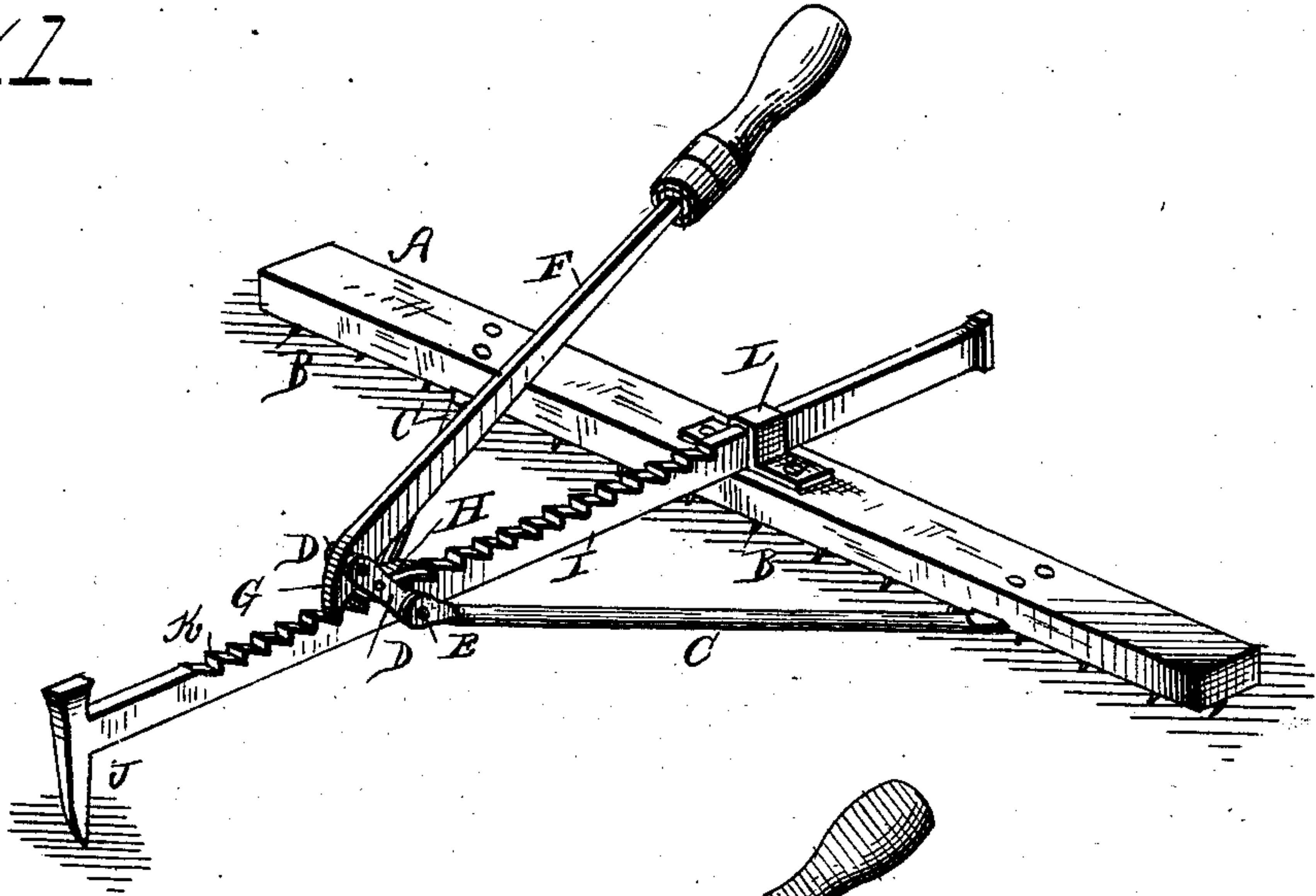


Fig. 2

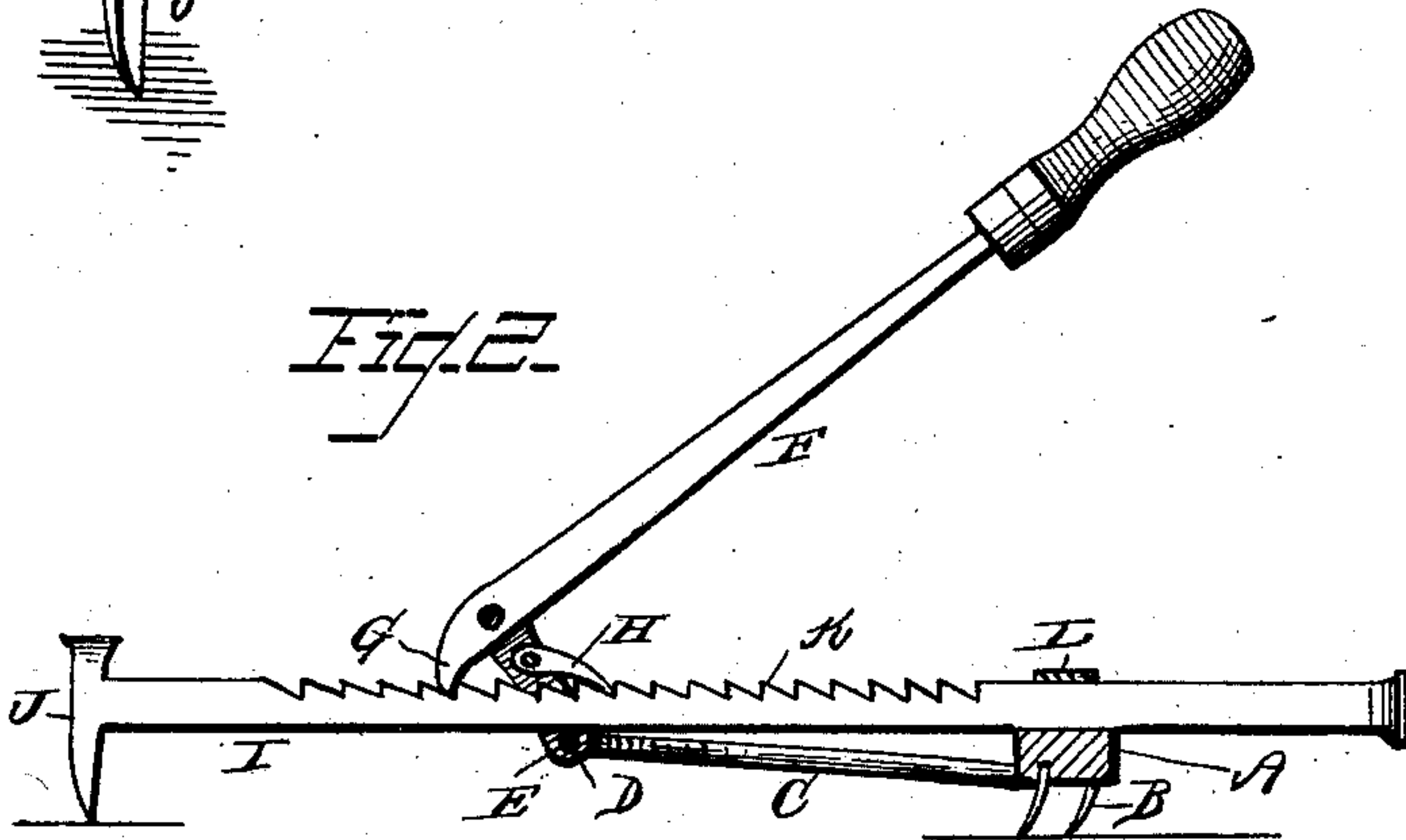
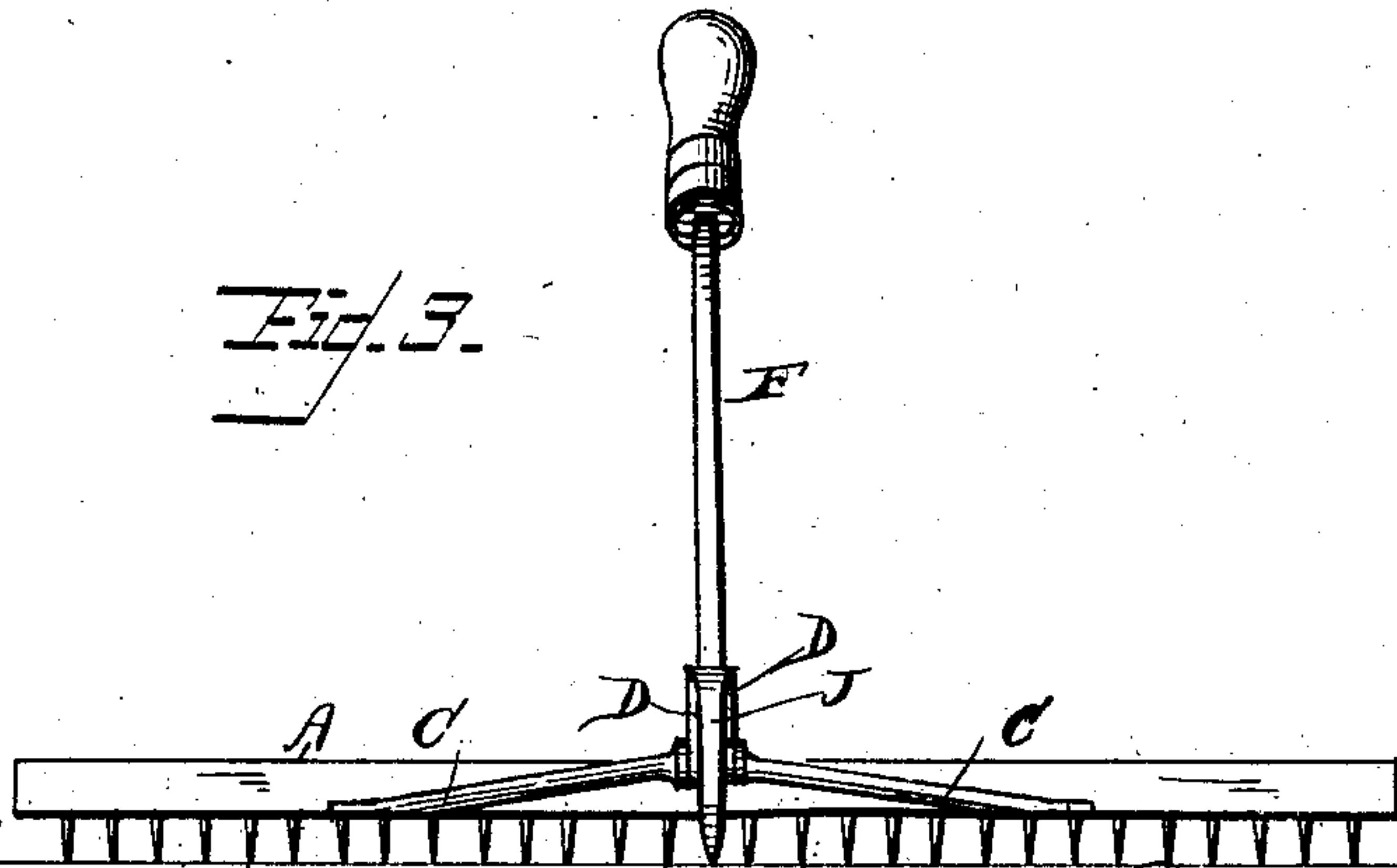


Fig. 3



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN PETERMAN AND SYDNEY SMITH, OF SENECA FALLS, NEW YORK.

CARPET-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 272,468, dated February 20, 1883.

Application filed November 14, 1882. (No model.)

To all whom it may concern:

Be it known that we, JOHN PETERMAN and SYDNEY SMITH, citizens of the United States, residing at Seneca Falls, in the county of Seneca and State of New York, have invented a new and useful Carpet-Stretcher, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to carpet-stretchers, and has for its object to provide a simple, inexpensive, durable, and efficient device that can be conveniently operated with but little exertion.

In the drawings, Figure 1 is a perspective view of our improved carpet-stretcher in position. Fig. 2 is a longitudinal vertical sectional view thereof. Fig. 3 is a front end view.

Referring to the drawings, A designates a cross-bar having teeth B on its under side, and provided with two forwardly-extending, convergent rods or braces, C C, to the outer ends of which are pivoted two parallel plates D D, by a cross pin, E. These plates are preferably curved forward, as shown, and have pivoted between their tops a rearwardly-extending lever, F, having a pointed or cam-shaped end, G.

H is a rearwardly-extending pawl, which is pivoted between the plates D D under the lever F.

I is a longitudinal ratchet-bar having a pointed head, J, and ratchet-teeth K along its upper edge. The bar I is arranged between

plates D D under the pawl H, and also passes through a guide or staple, L, on top bar, A. 35

The operation and advantages of our invention will be readily understood and appreciated. The pointed head J of the ratchet-bar I is first driven into the floor near the wall, and the cross-bar A is moved back to the rear end of bar I. Then by working lever F its pointed end engages the teeth of bar I and draws the cross-bar A toward the pointed head of the latter. The carpet is thus drawn and stretched toward the wall by the engaging teeth of the moving cross-bar A, and the latter is held from backward movement by the pawl H. 40 45

We claim as our invention—

The combination of a headed ratchet-bar, a toothed cross-bar having a guide or staple for the ratchet-bar, convergent bars or braces extending from the cross-bar, swinging plates pivoted to the ends of the convergent bars, a pawl pivoted to the said plates, and an operating-lever pivoted to the plates above the pawl and having its end engaging the rack-bar, as set forth. 50 55

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

JOHN PETERMAN.
SYDNEY SMITH.

Witnesses:

ED. C. CHENEY,
HENRI PETERMANN.