

J. Fowler Copying Press.

N^o 92,032.

Patented Jun. 29, 1869.

Fig. 1

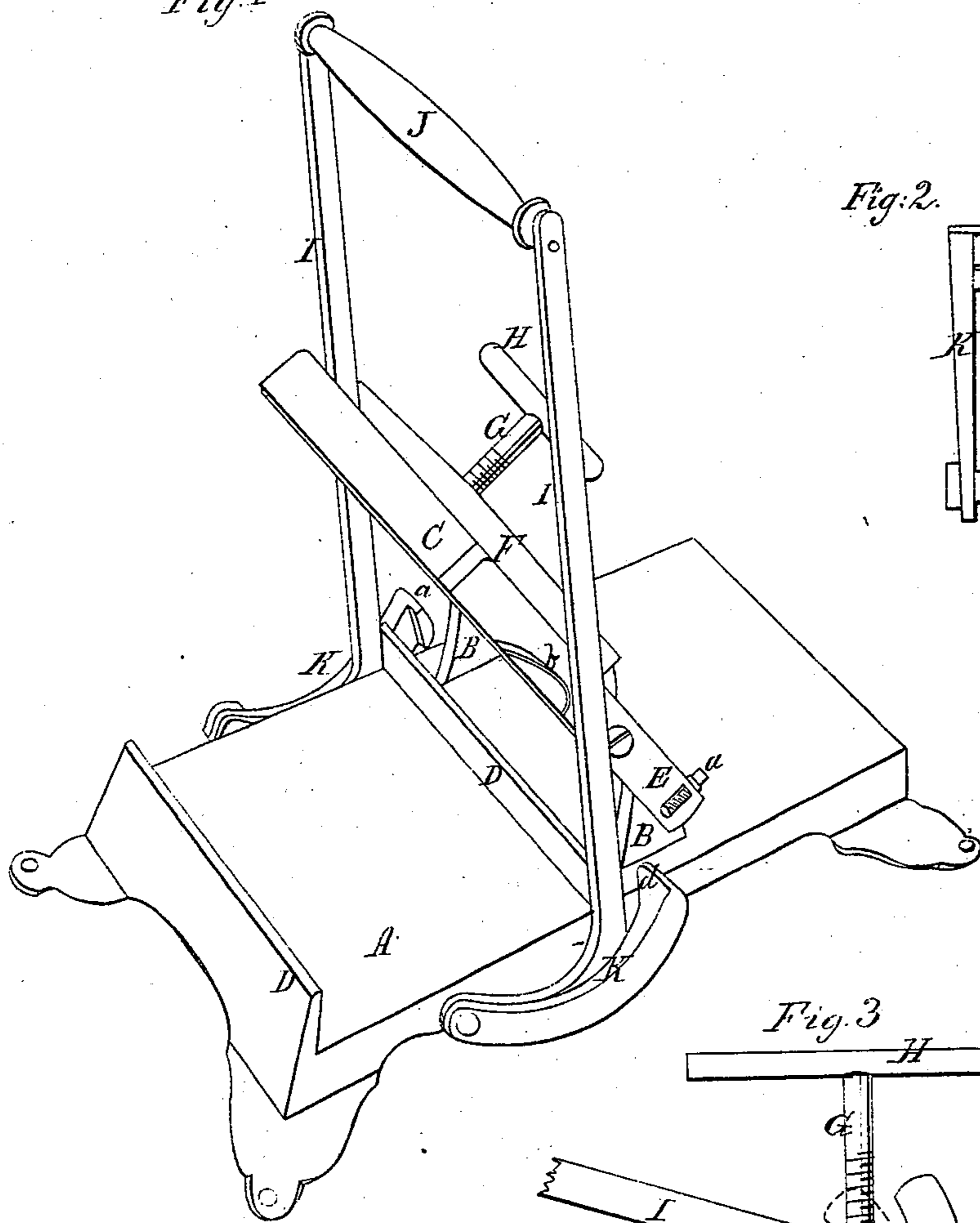


Fig. 2.

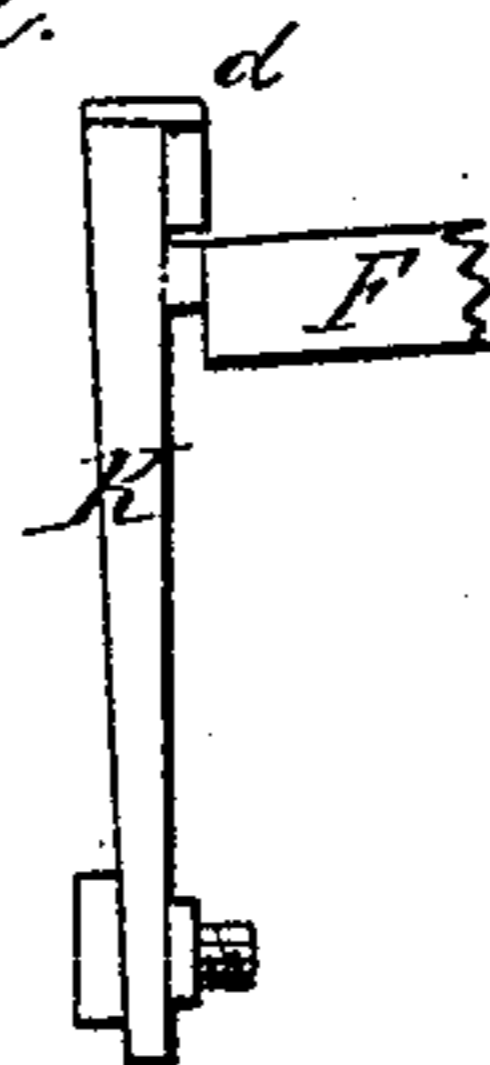
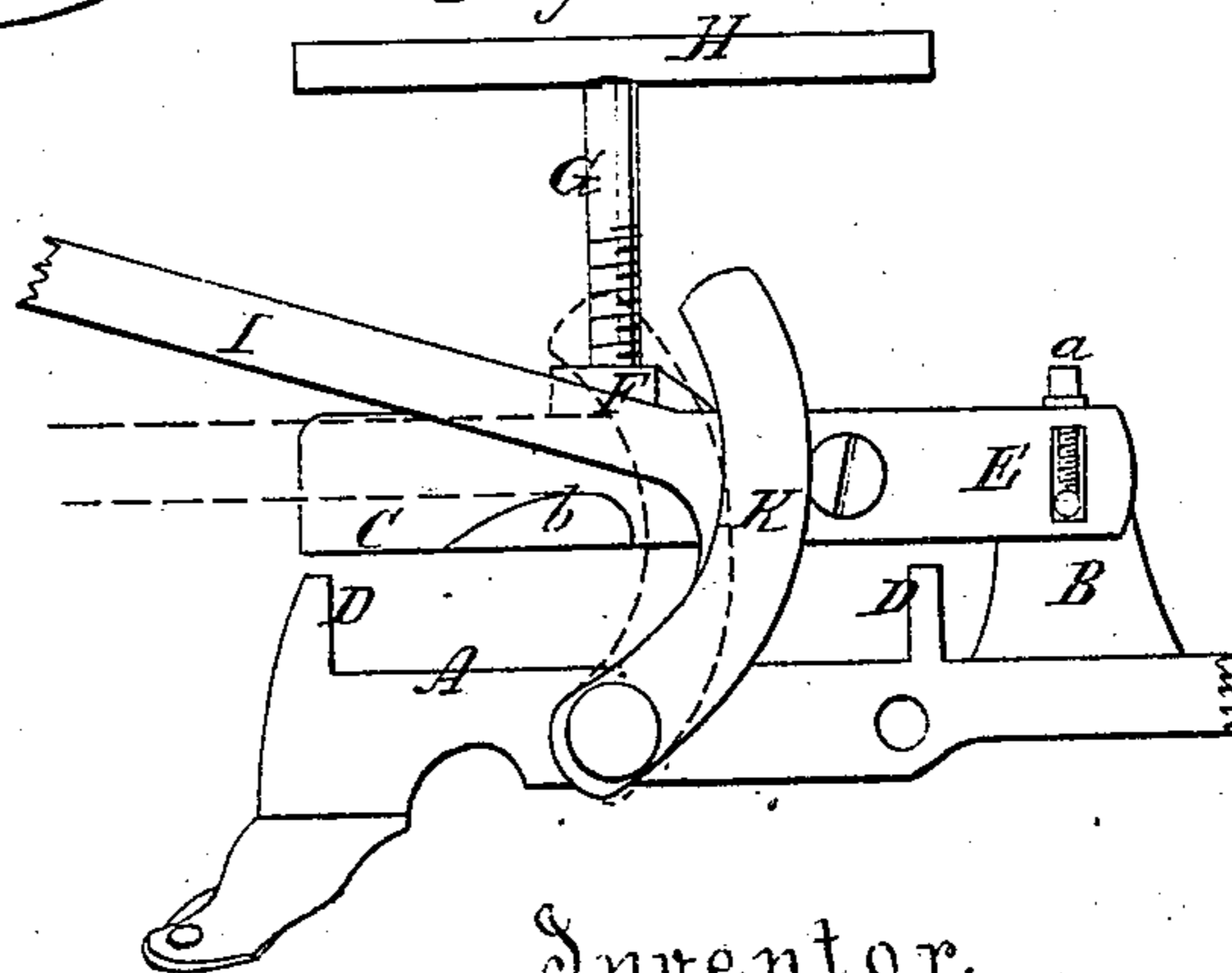


Fig. 3



Attest.

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JOSEPH FOWLER, OF SAUGATUCK, MICHIGAN.

Letters Patent No. 92,032, dated June 29, 1869.

IMPROVEMENT IN COPYING-PRESSES.

The Schedule referred to in these Letters Patent and making part of the same.

To whom it may concern :

Be it known that I, JOSEPH FOWLER, of Saugatuck, in the county of Allegan, and State of Michigan, have invented a new and useful Improvement in Combined Letter and Printing-Presses; 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.

Figure 1 is a perspective view of my invention.

Figure 2 is a side elevation, with platen down.

Figure 3 is a view of the arm, showing its engagement with the cross-bar.

Like letters indicate like parts in each figure.

The nature of this invention relates to the construction of a combined printing and letter-copying press, and consists in a suitable bed and platen, the latter so hung that it may be adjusted to any desired height from the bed, and operated by a lever or screw, or both, thereby affording a cheap, portable, and convenient press for printing cards and other small work, while, at the same time, it prevents the necessity of being obliged to keep on hand another press for the purpose of copying letters.

A, in the drawings, represents the bed, which is provided with ears B, or vertical standards, through which passes a rod, by means of which the platen C is pivoted to the bed, which is provided with two bearers, D, which serve to prevent the platen from falling on to the bed, and at the same time serve as resistants against which to lock the forms.

The rear end of the platen is provided with prolongations, E, one upon each side, in which there are slots, which engage with the ends of the rod heretofore referred to, and by means of which the platen is pivoted to the bed.

Set-screws, *a*, enable the operator to adjust the platen at any desired height.

Across the top and centre of the platen is the bar F, whose ends project beyond the sides of the platen. Through the longitudinal centre of this bar passes

the screw G, the upper end of which is provided with suitable handles, H, while its lower end is secured by a suitable collar to the top of the platen, in such a manner as to allow the screw to be easily rotated.

Upon each side of the platen are provided circular-shaped lugs or projections, *b*, against which the lever presses in taking an impression.

I are levers, joined together at their outer ends by a proper cross-bar or handle, J.

These levers are curved at their lower ends, as shown, and pivoted to the sides of the bed.

K are curved arms, likewise secured to the sides of the bed by being pivoted to the same, and rigidly secured to the levers I.

These arms are provided with projections, *d*, which are designed to engage with the top of the projecting ends of the cross-bar F.

The levers I operate on each side of the platen, and between the lugs *b* and the projecting ends of the cross-bar.

The platen being parallel with the bed, by raising the handle and levers, they act against the projecting ends of the cross-bar, and elevate the platen.

When it is desired to take an impression, by depressing the levers, they act upon the projecting lugs on each side of the platen, and produce the impression.

Should more power be required for the purpose than can be exerted by the levers, the screw should be brought into operation.

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

The construction of a combined printing and letter-copying press, with the parts A, B, C, D, E, F, G, H, I, J, K, *a*, *b*, and *d*, or their equivalents, arranged and operating substantially as herein set forth.

JOSEPH FOWLER.

Witnesses:

H. H. STIMSON,
WARREN COOK.