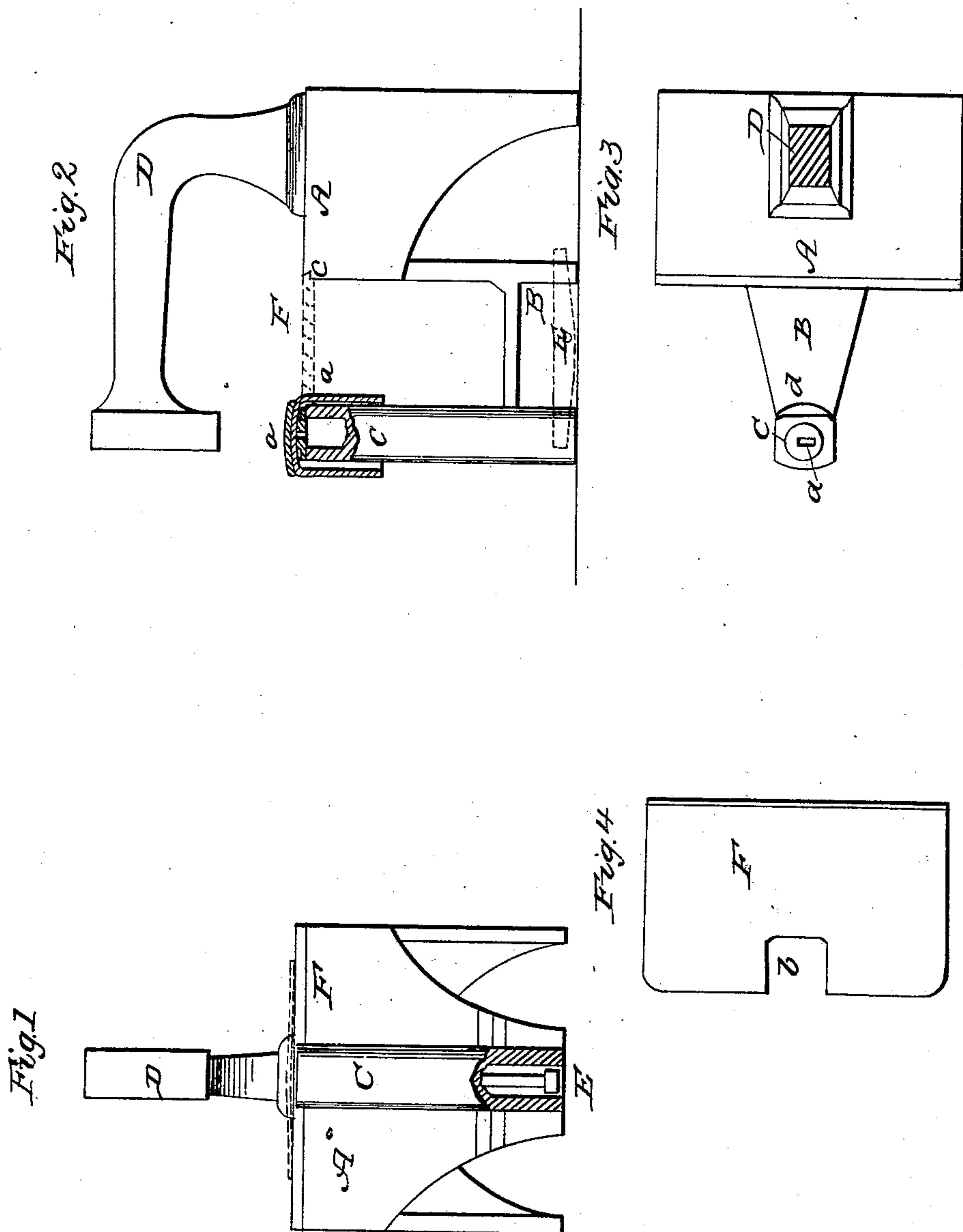


D. HASKELL.
Sewing Machine.

No. 29,785.

Patented Aug. 28, 1860.



Witnesses
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UNITED STATES PATENT OFFICE.

DAVID HASKELL, OF GEORGETOWN, MASSACHUSETTS.

IMPROVEMENT IN SEWING-MACHINES.

Specification forming part of Letters Patent No. 29,785, dated August 28, 1860.

To all whom it may concern:

Be it known that I, DAVID HASKELL, of Georgetown, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figures 1 and 2 are elevations at right angles to each other of the framing of a sewing-machine constructed with my improvement. Fig. 3 is a plan of the same with the stationary arm which carries the presser removed to leave the whole of the bed exposed. Fig. 4 is a plan of a movable plate fitted to the bed.

Similar letters of reference indicate corresponding parts in the several figures.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A B C represent the bed or work-table, which, instead of being made with an unbroken flat horizontal surface, as is generally the case, is made with an isolated upright post, C, connected at the bottom by a foot, B, with the main portion A, whose upper surface is of the same level as the top of the post C. This post C may be made as small as may be desired, in order that articles of stiff material of small as well as of larger size may be placed upon it in the manner illustrated by the piece of work represented in red outline in Fig. 2—that is to say, with their edges lapping over it on either or all sides—and be turned round upon it in any direction. The needle works through a needle-hole, *a*, in or near the center of the said post, and may be made to perforate the fabric under operation either by an upward or downward movement; but it will be more convenient to have the needle work with an upward movement, the needle-bar in such case

working through the post, and being connected with a lever, E, working within the foot-piece B, or having any other suitable connection with the shaft from which it derives motion. The presser may be attached in the usual manner to the stationary arm D, which is arranged on the top of the bed, the arrangement being such that it (the presser) occupies a position directly over the top of the post C. This construction of the bed with an isolated upright post is specially adapted for sewing-machines for shoe-makers' use, and makes a machine capable of doing much of the work on shoes and boots which it has been difficult and in some cases impossible to do with the machines heretofore used.

In order that the same machine may be adapted for straightforward flat work, I provide a movable plate, F, of the form shown in Fig. 4—that is to say, with a recess, *b*, to fit around the post C, and with its opposite side straight to fit to the part A—the said plate being formed with a beveled edge to fit and rest in a half-dovetail recess, C, Figs. 2 and 3, in the part A, and having a shoulder, *d*, provided for its support on the post A. This plate is shown in section in blue color in Fig. 2 applied to the bed, and it will be understood by reference to that figure that the said plate combines with the post and the part C to form an unbroken flat bed not differing practically from the flat bed of the sewing-machines in common use.

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

The arrangement of the isolated upright post C with the notched movable plate F, in the manner and for the purpose herein shown and described.

DAVID HASKELL.

Witnesses:

RICHD. TENNEY,
EDW. P. WILDES.