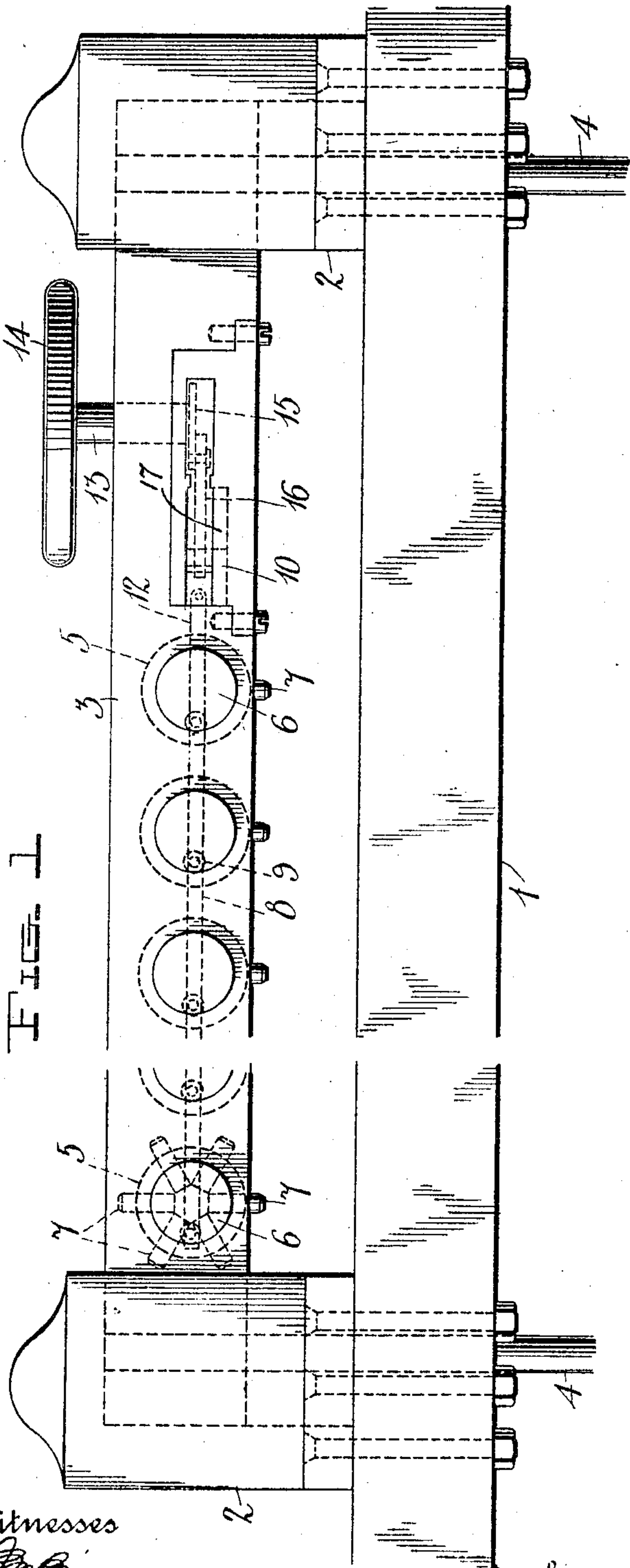


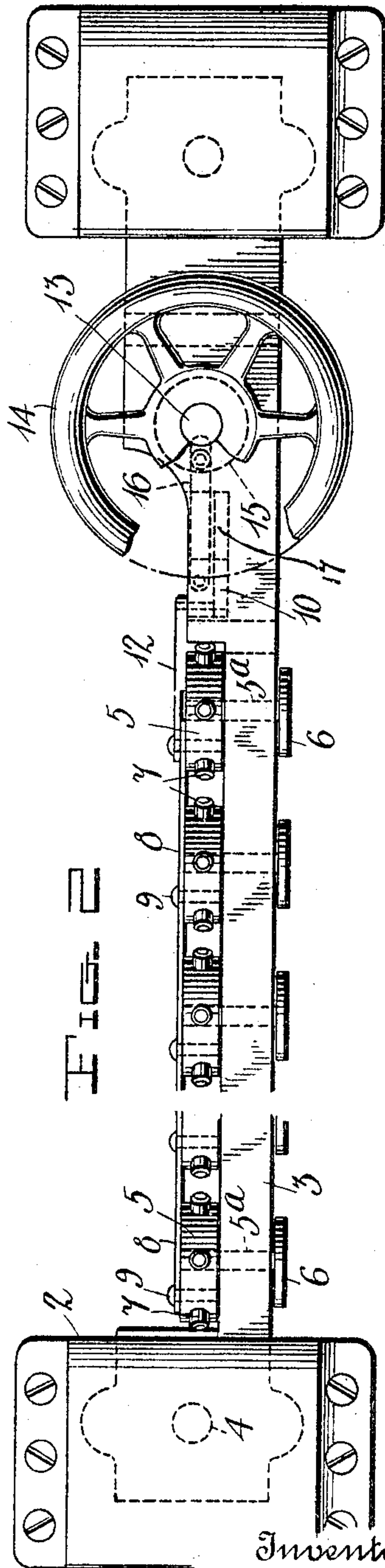
No. 797,936.

PATENTED AUG. 22, 1905.

F. J. BURKE.
SOLE STAMPING MACHINE.
APPLICATION FILED MAR. 27, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

FRANK J. BURKE, OF ROCHESTER, NEW YORK.

SOLE-STAMPING MACHINE.

No. 797,936.

Specification of Letters Patent.

Patented Aug. 22, 1905.

Application filed March 27, 1905. Serial No. 252,328.

To all whom it may concern:

Be it known that I, FRANK J. BURKE, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Sole-Stamping Machines; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is an improved machine for stamping the soles of shoes in the sole-leather room of a shoe-factory with the letters and figures required to indicate the size and width of the various soles; and it consists in the construction, combination, and arrangement of devices hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a stamping-machine embodying my improvements. Fig. 2 is a top plan view of the same.

On the bench 1 are vertical guides 2 for the ends of a vertically-movable beam 3, which is horizontally disposed parallel with the bench 1. Rods 4 are here shown as depending from the ends of the said vertically-movable beam and are connected to a suitable pedal mechanism, (not shown,) which may be employed to move the beam vertically by foot-power. The beam is of suitable length, and on one side of the same are a series of punch-carrying disks 5, which are mounted on shafts 5^a, that have their bearings in said beam. On the opposite ends of the said shafts are indicating-disks 6. Each of said disks 5 is provided with a plurality of radially-disposed punches 7, each of which has a figure or figures and a letter or letters to indicate the size of a shoe and the width of a last—that is to say, each disk 5 has punches provided with characters to indicate one size of a shoe—the several punches of the said disk being also provided with characters to indicate the different width of the last in said size. There are as many of the disks 5 provided as there are sizes of the shoes. The said disks are connected together by a rod 8 and by crank-pins 9, so that the said disks are adapted to be turned simultaneously to cause the respective punches thereof indicating a given width of last to be disposed on the under sides of the disks for operation. The positions of the disks 5 may be ascertained by inspection of the disks 6, the latter having suitable characters which indicate the positions of the punch

7. A block 10 is movable longitudinally in the guideway 17, near one end of the beam 3, and is connected to the link-rods 8 by a pitman 12. A shaft 13 is vertically disposed and mounted in a suitable bearing. Said shaft has a hand-wheel 14 at its upper end, whereby it may be turned, and is provided at its lower end with a crank-wheel 15, which is connected to the block 10 by means of a pitman 16. It will be understood that the disks 5 may be turned to cause any desired punch to be disposed at the under sides thereof for operation by appropriately turning the hand-wheel 14. The sole to be stamped is placed under the appropriate disk 5 after the same has been set to dispose the appropriate punch on its under side, and the beam 2 is then caused to descend by means of the foot-power mechanism hereinbefore mentioned, thereby causing the punch to stamp the required number and indicating letter or character in the sole.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

In a machine of the class described, the combination of a vertically-movable beam, guides therefor, disks revolubly mounted on said beam and provided with punches, a link-bar connecting said disks together for simultaneous, revoluble movement, a reciprocating block, a guide therefor, carried by the beam, a pitman connecting said block and the said link-bar, a crank having its bearing on the beam, a pitman connecting said crank and said reciprocating block, and means to turn said crank, for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

FRANK J. BURKE.

Witnesses:

JOHN S. KEENAN,
E. A. EUSTICE.