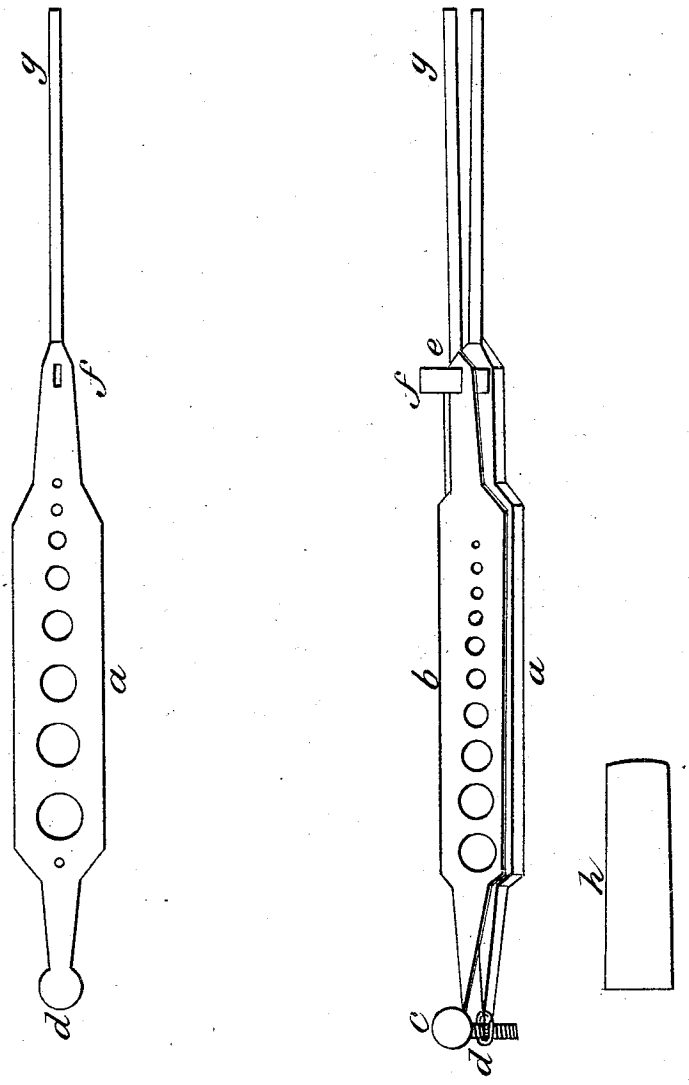
J. D. & J. M. Filkins,

Metal Punch,

No. 40,030. Patented Sep. 22. 1863.



Witnesses:

E. C. Kepine

F. M. Hamlin

Inventors:

John D. Filkins

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UNITED STATES PATENT OFFICE.

JOHN D. FILKINS AND JOHN M. FILKINS, OF JOHNSON TOWNSHIP, IND.

IMPROVED PUNCH-BLOCK.

Specification forming part of Letters Patent No. **40,030**, dated September 22, 1863.

To all whom it may concern:

Be it known that we, JOHN D. FILKINS and JOHN M. FILKINS, of the township of Johnson, in the county of La Grange and State of Indiana, have invented a new and useful machine, named a "punch-block," and to be used by blacksmiths for punching iron; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification, in which—

Letter *a* represents an iron block faced with steel, containing holes of various sizes; *b*, a thin steel plate with different-sized holes, which correspond with those in the block; *c*, a set-screw, which is attached to the steel plate, and which raises and lowers it to fit the different thickness of iron to be punched; *d*, a nut which receives the set-screw; *e*, a mortise made in the steel plate to receive the guide *f*, which is fastened to the block, and which prevents the steel plate from moving or slipping either way; *g*, the handles of plate and block, and *h* a punch, which tapers slightly from the face end to the head.

In order to operate with the machine, make a prick-mark on a plate of iron to be punched, and with the set-screw raise the steel plate to a sufficient height so that the iron to be punched may be placed between the plate and block with the prick-mark in the center of one of the holes; then place such a punch as herein described with the face end on the iron plate, and of the same size of the hole in the block; then with a blow or two of the sledge it will be driven through the iron and come through the block on the under side. In like manner holes of different sizes may be easily, speedily, and neatly punched.

What we claim, and desire to secure by Letters Patent, as a new article of manufacture, is—

The punch-block *a*, in combination with the steel plate *b*, the set-screw *c*, mortise *e*, and guide *f*, constructed substantially as and for the purpose set forth.

JOHN D. FILKINS.
JOHN M. FILKINS.

Witnesses:
JONATHAN LAW,
R. B. WILLIAMS.