

(No Model.)

R. BUCKINGHAM.
PRINTER'S TOOL.

No. 262,639.

Patented Aug. 15, 1882.

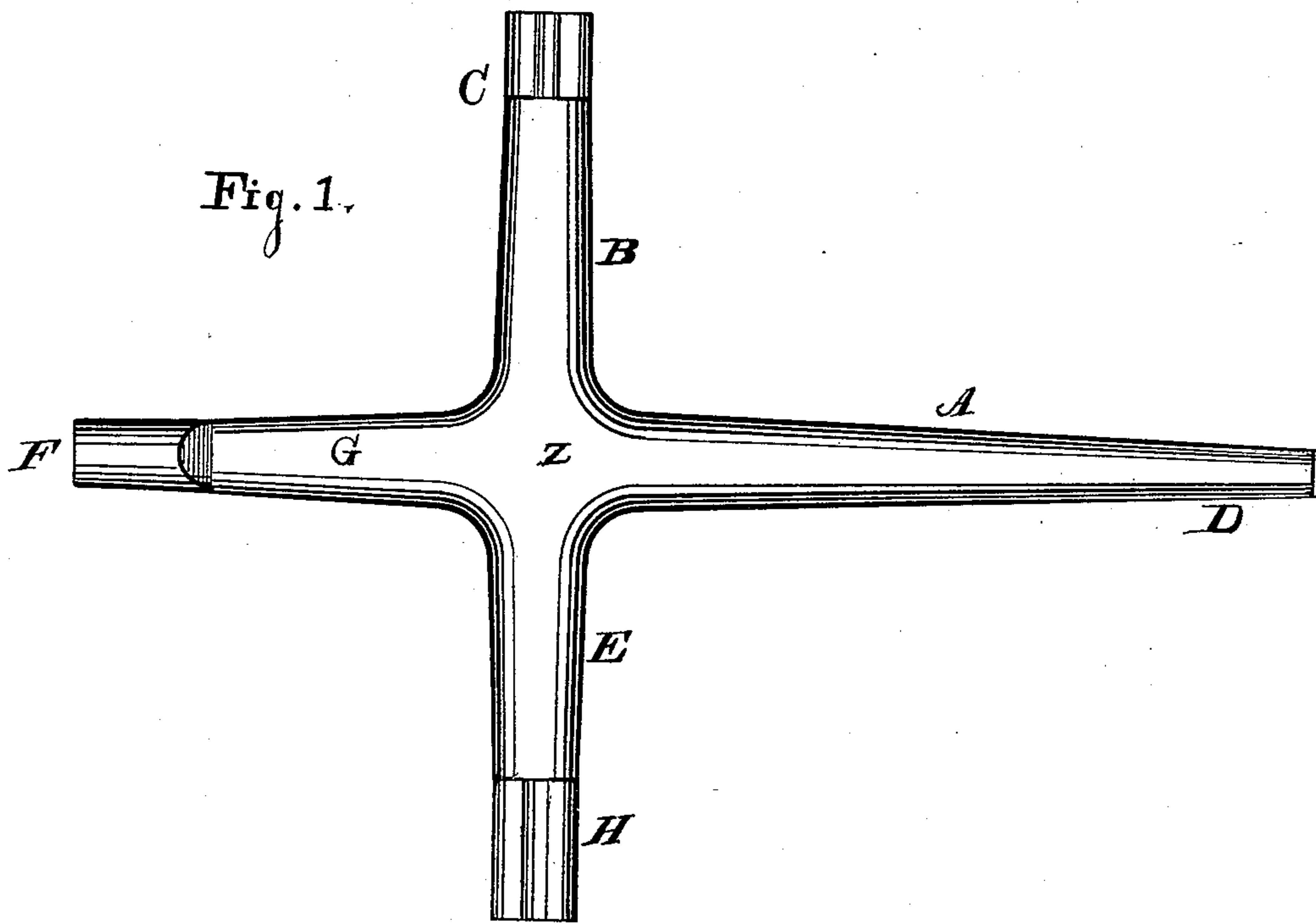


Fig 2

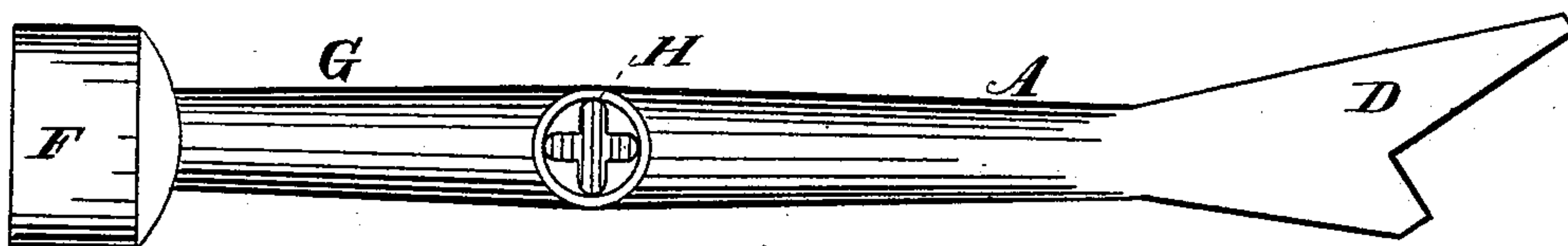
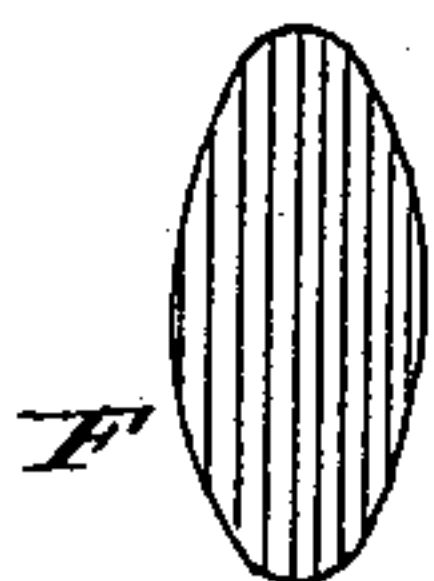


Fig. 3.



Witnesses
E. M. Gould
Mary Kenny

Inventor
Robert Buckingham
By G. L. Chapin. Atty.

UNITED STATES PATENT OFFICE.

ROBERT BUCKINGHAM, OF CHICAGO, ILLINOIS, ASSIGNOR TO HIMSELF AND
WILLIAM PORTER, OF SAME PLACE.

PRINTER'S TOOL.

SPECIFICATION forming part of Letters Patent No. 262,639, dated August 15, 1882.

Application filed December 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, ROBERT BUCKINGHAM, of Chicago, county of Cook, and State of Illinois, have invented a new and useful Improvement in Printers' Tools, of which the following is a specification, reference being had to the accompanying drawings, illustrating the improvement, in which—

Figure 1 is a plan view of my invention; Fig. 2, a side view of Fig. 1; Fig. 3, an elevation of the hammer end of the device.

The object of the invention is to combine printers' tools so that they may be used to a better advantage than when they are constructed in separate pieces.

The nature of the invention consists in the combination of two sizes of quoin-keys with a shooting-stick and hammer-lever in such a manner that either or both of the quoin-keys may be used as a handle to operate the hammer-lever, and so that the hammer-lever may be used as a handle or head, by means of which the shooting-stick may be operated, as the whole is hereinafter fully described and shown.

A B G E are four arms united in a single casting at Z. Cast solid to the arms B E are respectively the quoin-keys C H, of different lengths or sizes, as may be required for use. Cast solid to the arm A is the shooting-stick

D, and cast solid to the arm G is the hammer-lever F.

The quoin-keys C H have in use to be turned, requiring considerable power, and to get the proper leverage the arms G A are employed as a part of the improvement in this regard, in contradistinction to quoin-keys without this form of arms.

The part F is termed a "hammer-lever" because it is used as a hammer and a lever. When used as a hammer either arm B E may be employed as a handle, and when it is used to pry devices apart as a lever one or both of the arms may be used.

Now, it is not claimed that there is any invention in casting the arms in one piece irrespective of the uses of the parts herein named—that is, one part makes the other parts operate to a better advantage.

I claim and desire to secure by Letters Patent—

The arms A B G E, cast in one piece, and the quoin-keys C H, hammer-lever F, and shooting-stick D, combined as and for the purpose specified.

ROBERT BUCKINGHAM.

Witnesses:

G. L. CHAPIN,
CHARLES FROST.