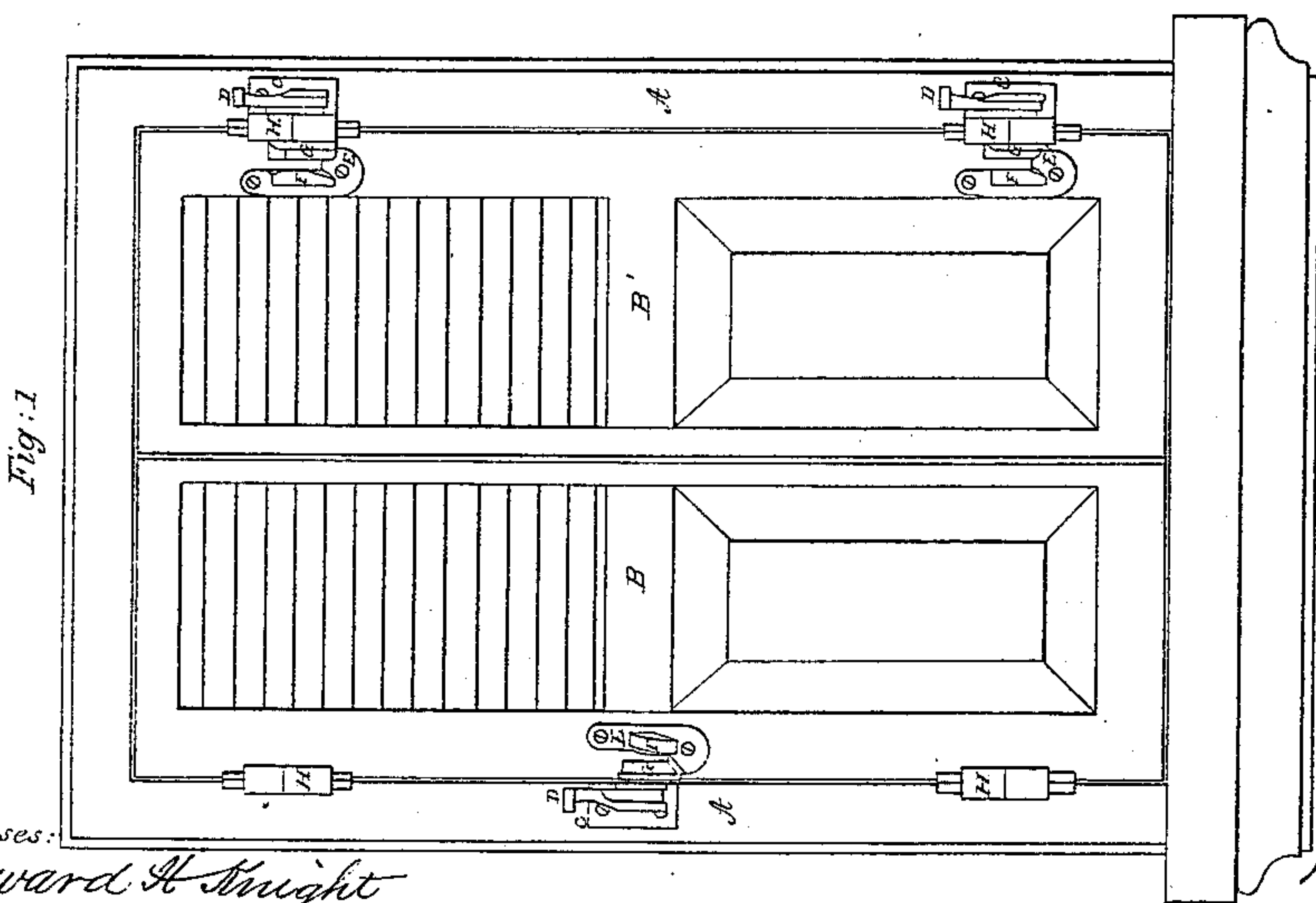
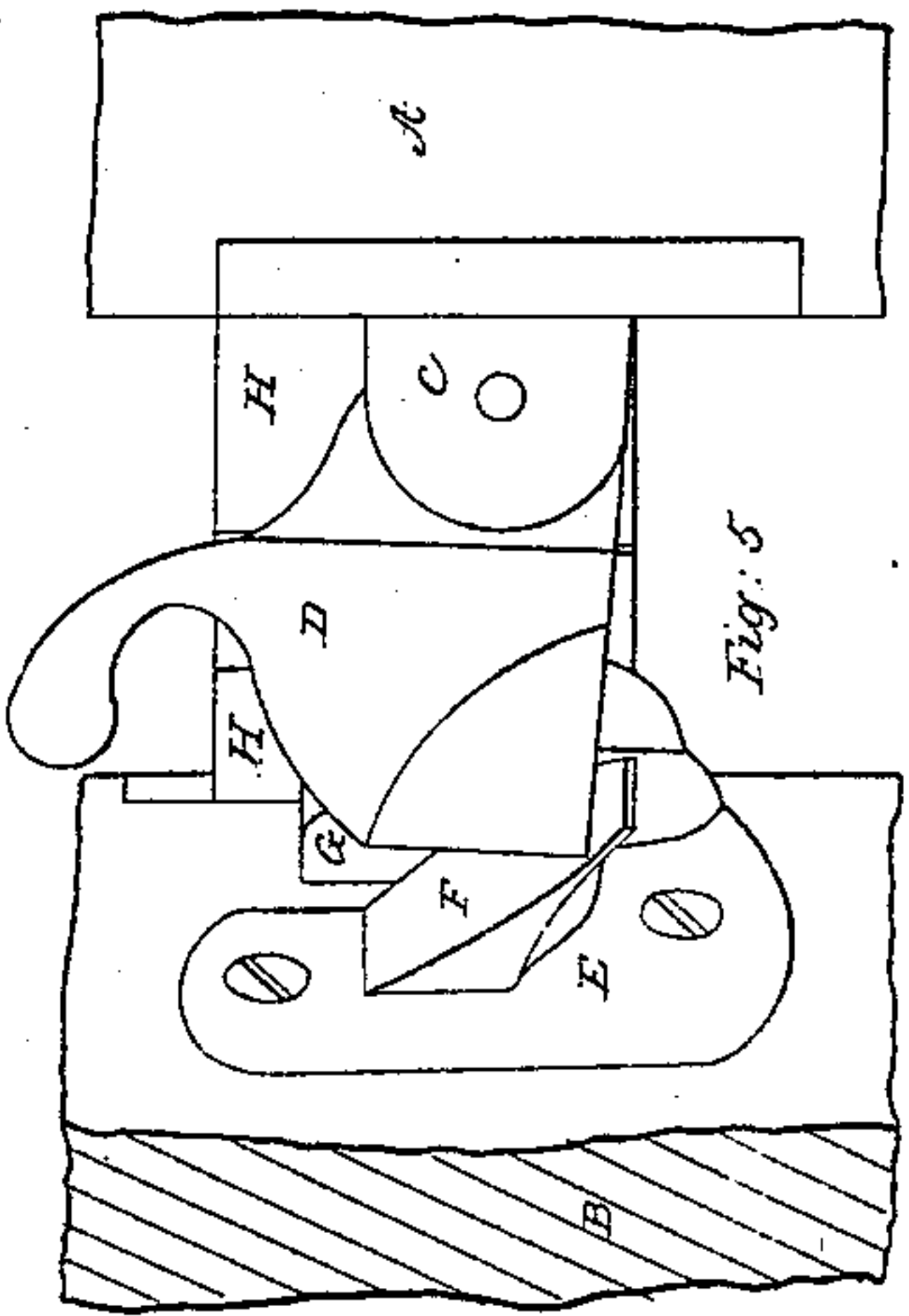
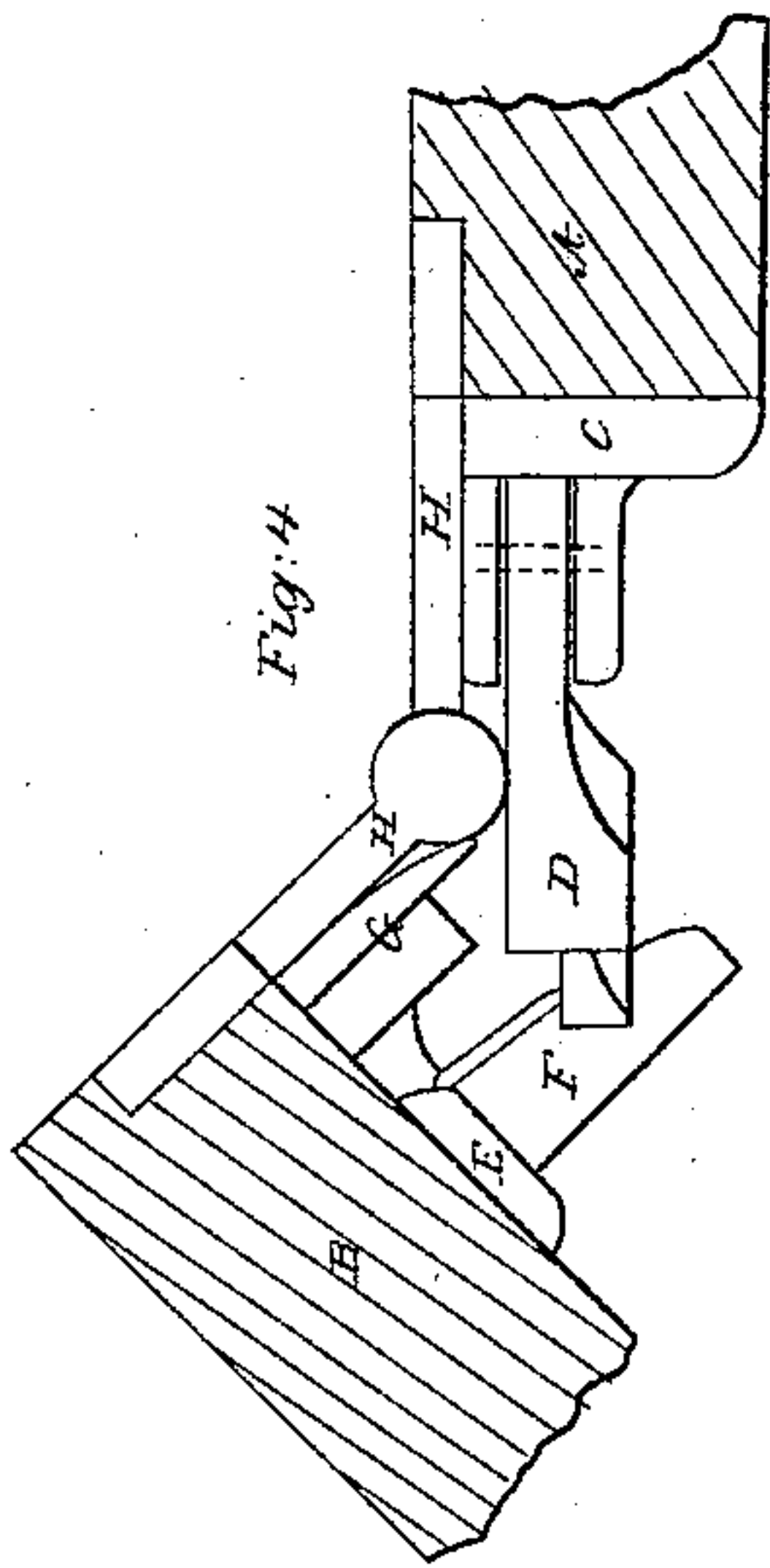
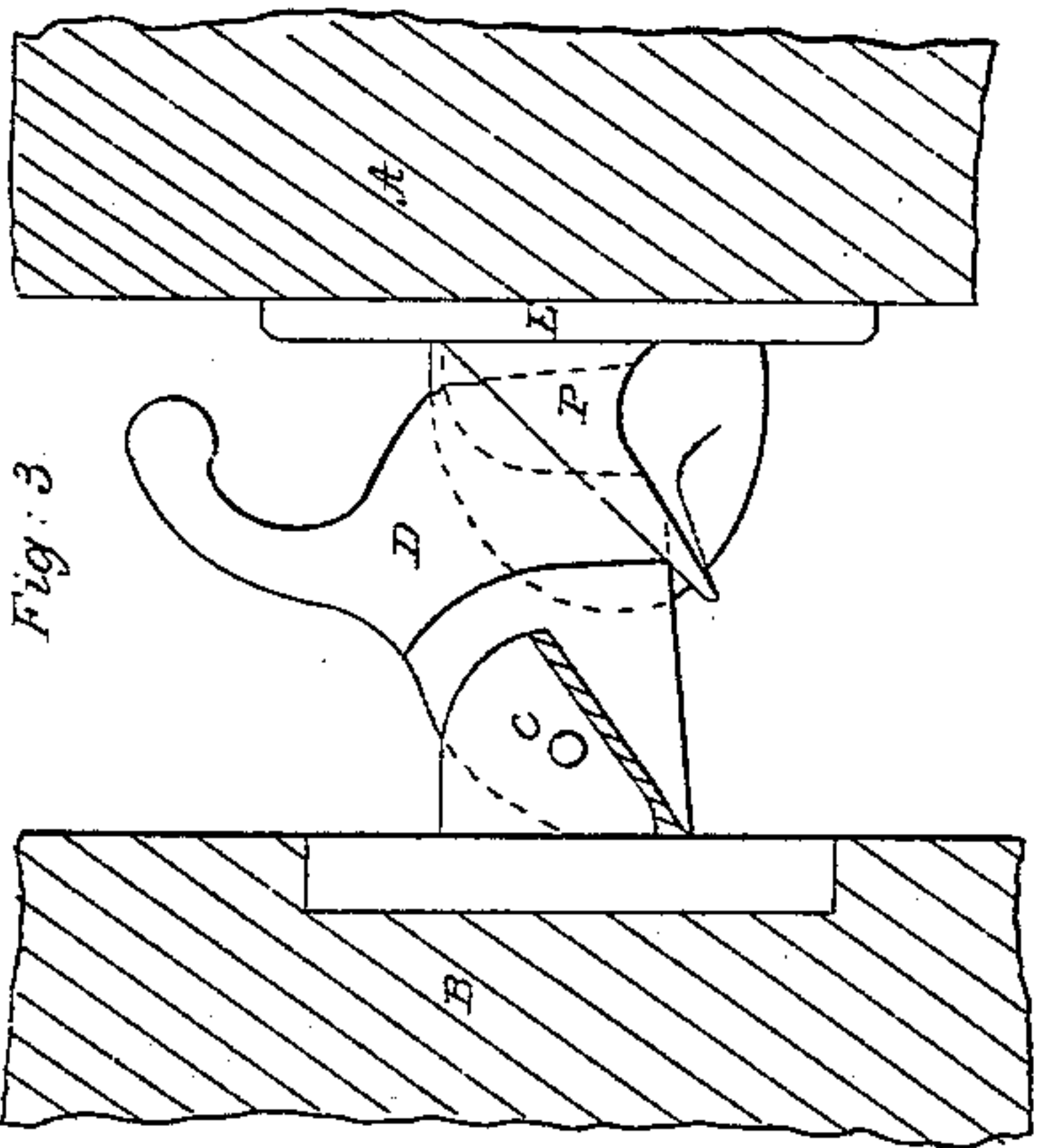
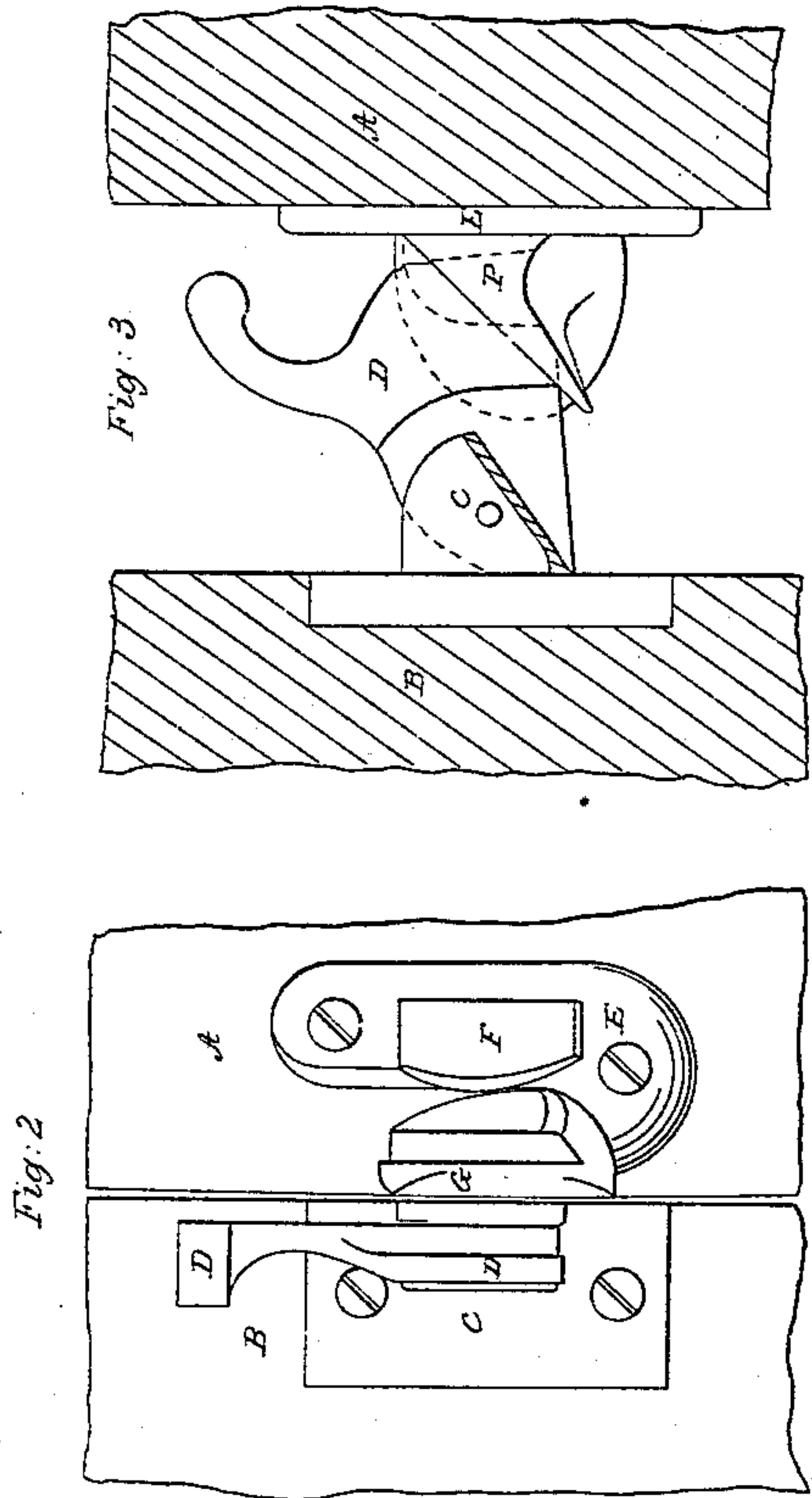


W. B. Howard,

Lock Hinge.

N^o 61,834.

Patented Feb. 5, 1867.



Witnesses:
Edward H. Knight
Solon C. Hemen

Inventor:
William B. Howard
by Munroe & Kipp
Attorneys.

United States Patent Office.

WILLIAM B. HOWARD, OF BALTIMORE, MARYLAND.

Letters Patent No. 61,834, dated February 5, 1867.

IMPROVED SHUTTER FASTENING.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM B. HOWARD, of Baltimore, in the county of Baltimore, and State of Maryland, have invented a new and improved Shutter Fastening; and I do hereby declare the following to be a full, clear, and exact description of the same, sufficient to enable one skilled in the art to which the invention appertains to make use of it, reference being had to the accompanying drawings, which forms a part of this specification, and in which—

Figure 1 is a front elevation of the shutters closed.

Figure 2 is an enlarged view of a single fastening in elevation.

Figure 3 is a side view of a single fastening in its locked position.

Figure 4 is a top view of a single fastening in the act of closing.

Figure 5 is a side elevation of a single fastening in the act of closing.

A tumbler is pivoted to a bracket, which is attached to the jamb or the shutter. By the opening of the shutter it is raised, and when the shutter is fully open it falls between two cheeks on the bracket attached to the other object.

In the drawings, A A are the jambs of the window casing, B B' the shutters. In the case of the shutter B the fastening is attached midway between the hinges H H, and in the case of the shutter B' the fastenings are placed in the vicinity of the hinges. The fastening consists of two portions, which are attached, respectively, to the jamb or to the shutter. One portion has two cheeks, G F, on a bracket, E, and the other portion has a pivoted tumbler, D, on a bracket, C. The brackets are constructed especially for right and left-hand shutters; but the tumbler bracket may be on the shutter or jamb, the other bracket being attached to the other object.

The operation is as follows: The shutter being opened, the lower edge of the pivoted tumbler strikes the inclined plane F on one of the cheeks of the bracket E, and is thereby raised; the shutter continues to open until it strikes back against the wall, when the tumbler D falls down between the G F, and is then locked, fastening the shutter open. To close the shutter, the tumbler is raised, which frees it from the fastening.

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

The arrangement of the tumbler-bracket C D and the check-bracket F G E, constructed and operating substantially as described and represented.

WM. B. HOWARD.

Witnesses:

JANETT H. M. FORSYTHE,

WILSON DAVIS.