

No. 680,241.

Patented Aug. 13, 1901.

M. GIGLIO.

BLIND FASTENER.

(Application filed Dec. 21, 1900.)

(No Model.)

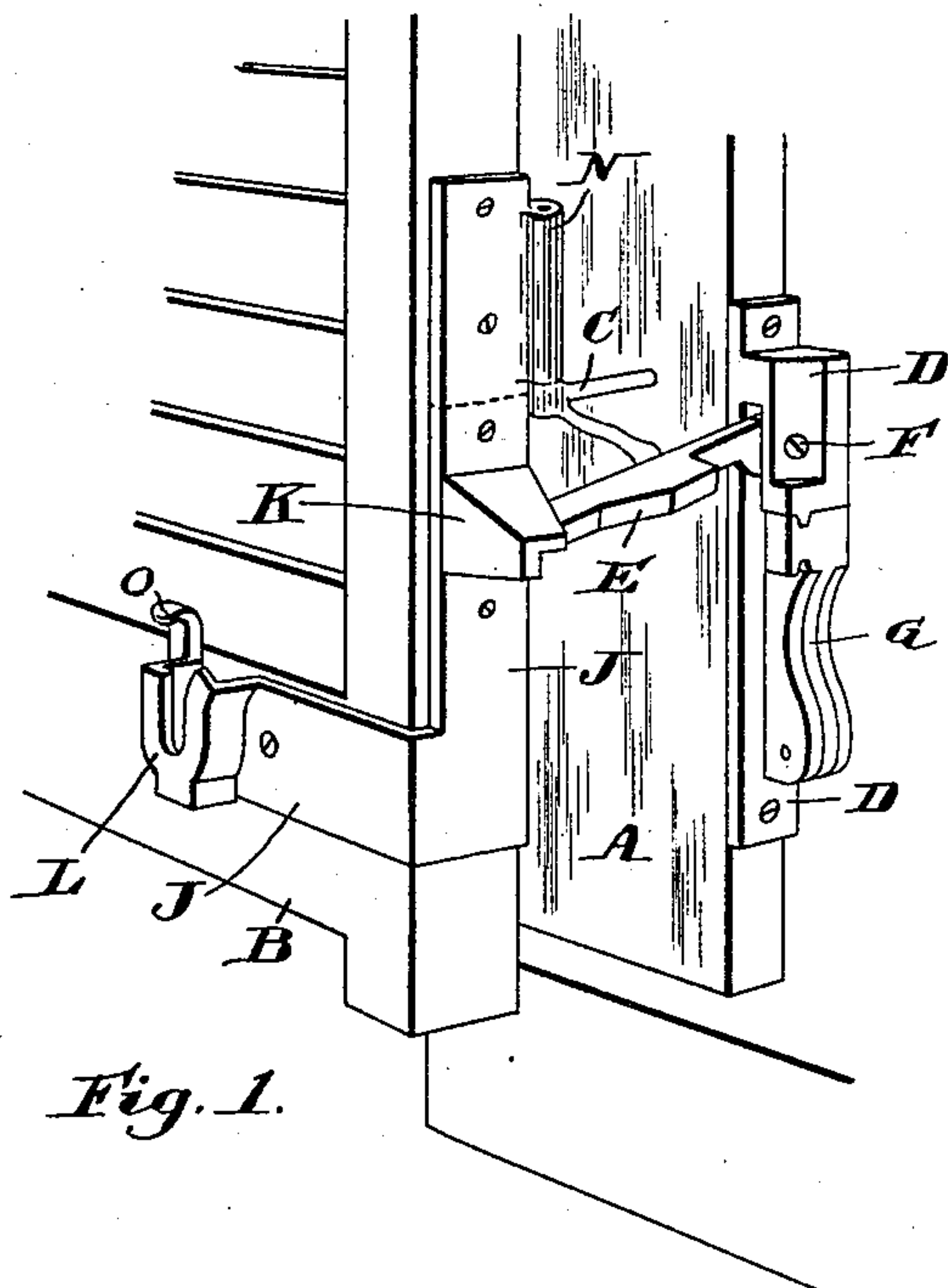


Fig. 1.

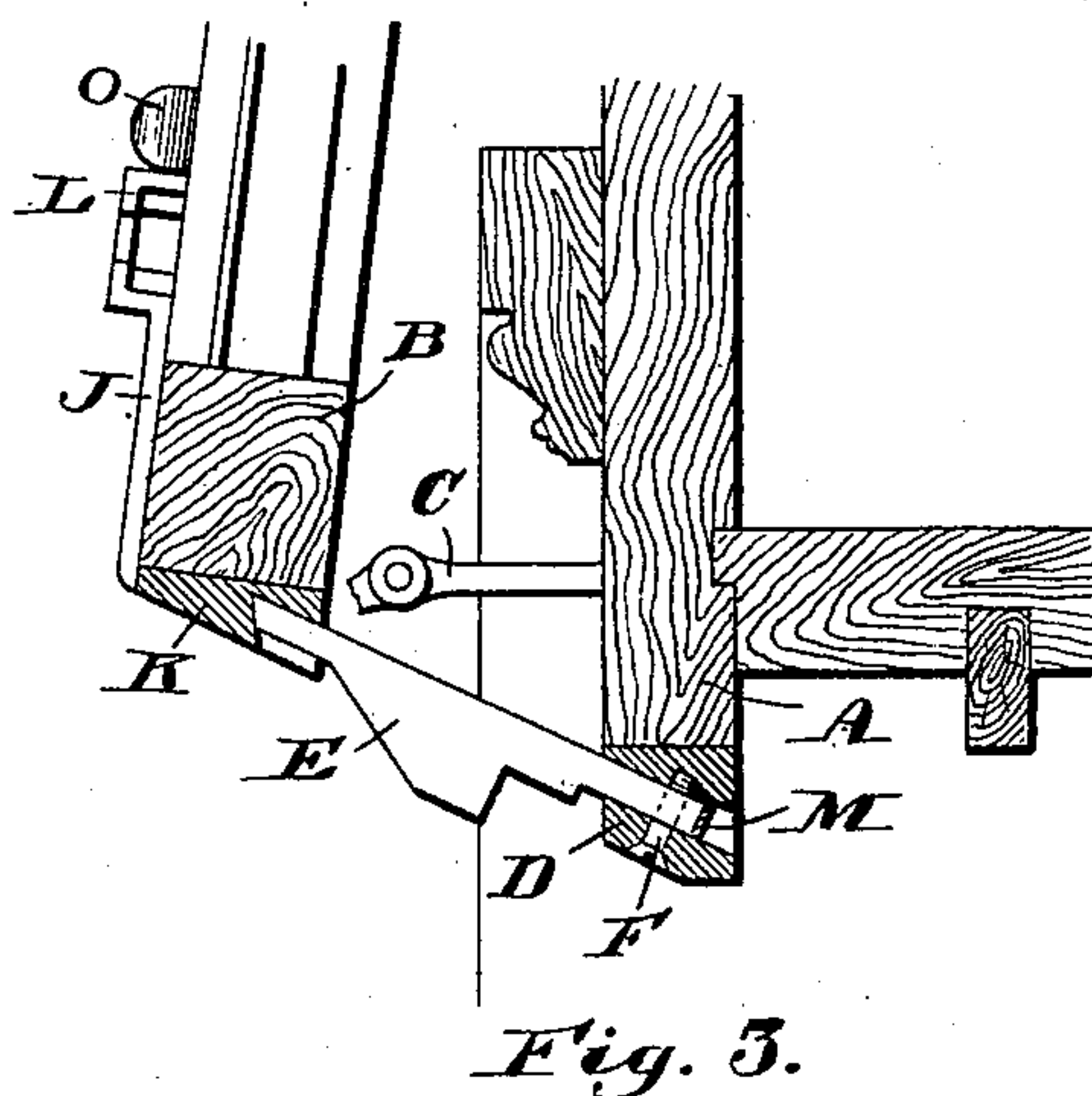


Fig. 3.

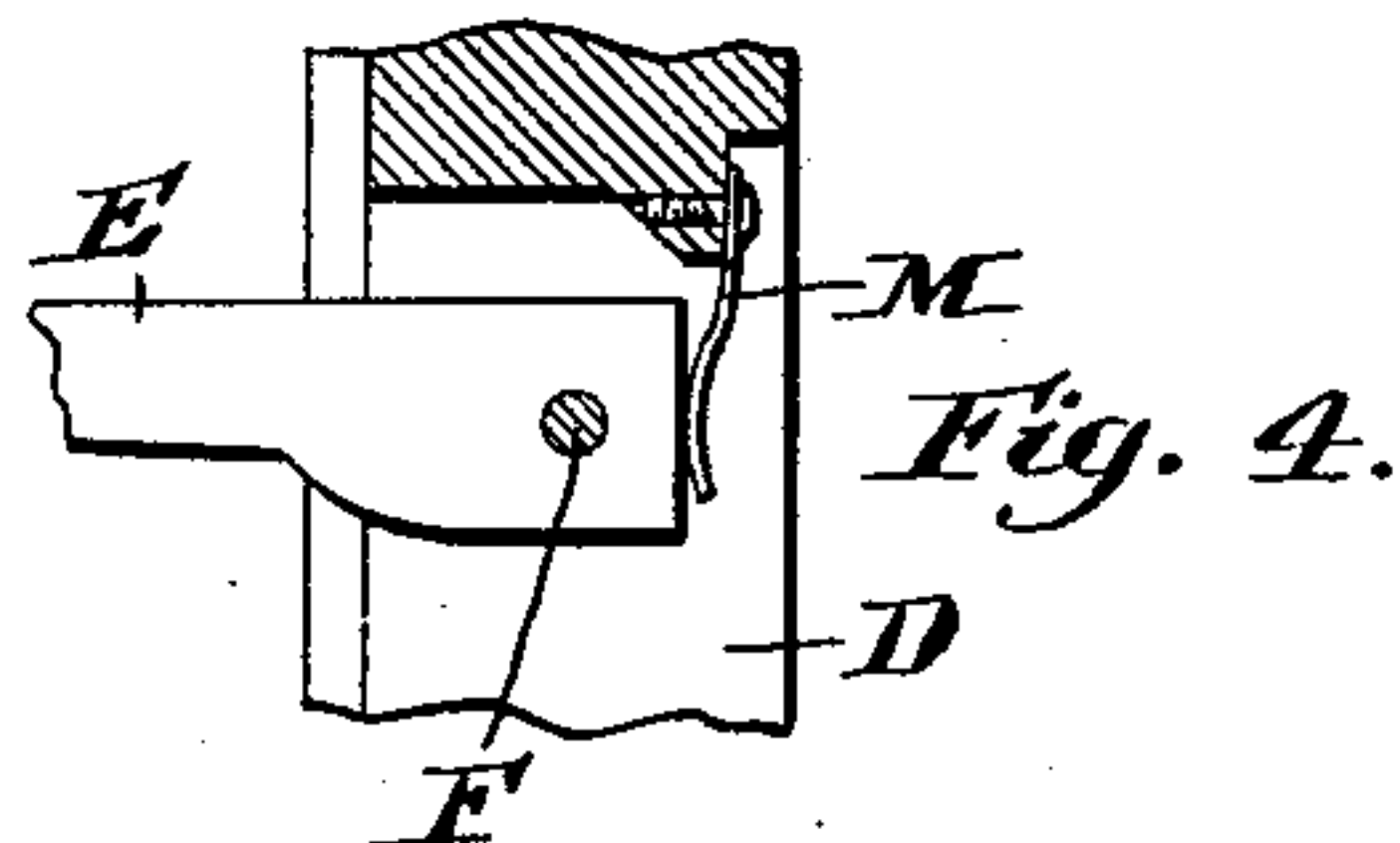


Fig. 4.

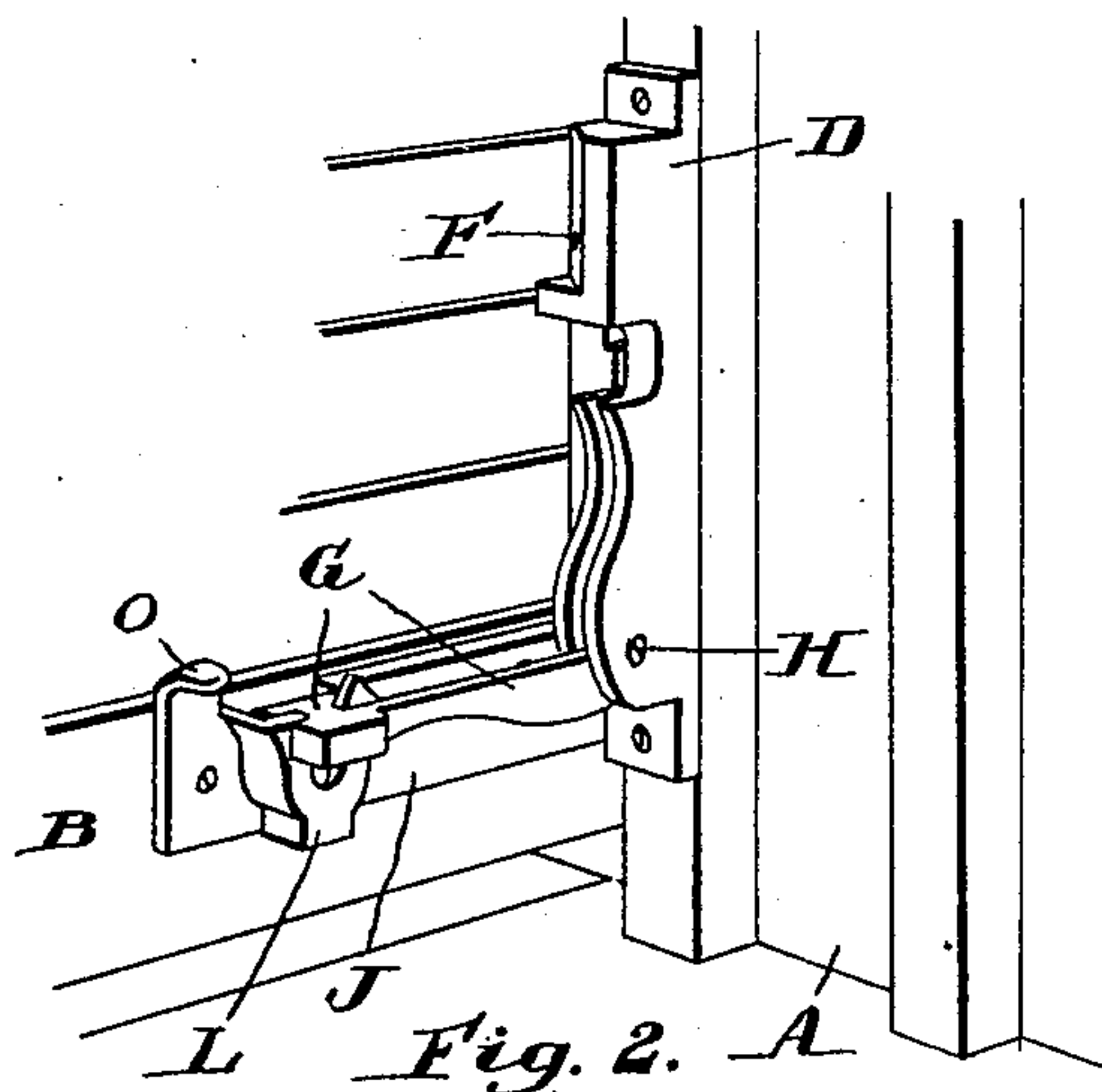


Fig. 2.

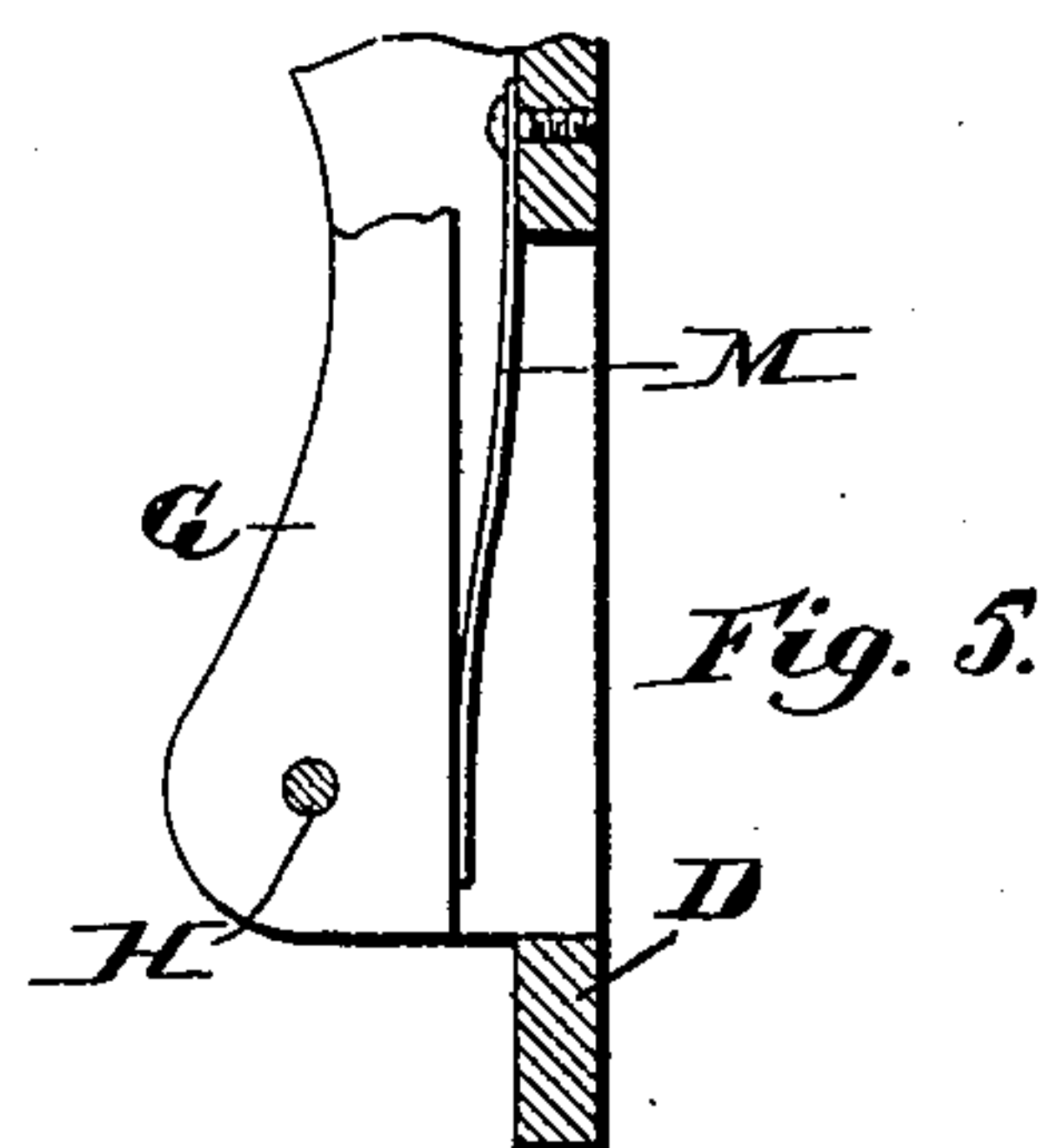


Fig. 5.

Witnesses:
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UNITED STATES PATENT OFFICE.

MASSIMINO GIGLIO, OF BOSTON, MASSACHUSETTS.

BLIND-FASTENER.

SPECIFICATION forming part of Letters Patent No. 680,241, dated August 13, 1901.

Application filed December 21, 1900. Serial No. 40,624. (No model.)

To all whom it may concern:

Be it known that I, MASSIMINO GIGLIO, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Blind-Fasteners, of which the following is a specification.

The object of this invention is to provide improved fastening devices for holding window-blinds in their opened and closed positions.

My improvement consists in a metallic base or shell adapted to be secured to the window-casing or wall and provided with two pivoted folding arms serving as hooks or braces, one of said arms being dormant while the other is in use, in combination with an angular casting to fit upon and be secured to the side and edge of the blind and formed with two sockets or recesses to receive and engage with said arms when they are severally unfolded to hold the blind open or closed. The socket which forms one member of the blind-hinge may be formed as part of this casting secured to the blind or it may be a separate casting. A suitable spring near the pivot acts upon each of the pivoted arms to hold it in the open or closed position, but free to be moved by the operator.

In the drawings, Figures 1 and 2 are perspective views of part of a window blind and casing provided with my fixtures and shown, respectively, in the open and the closed position. Fig. 3 is a nearly-horizontal section taken just above the spread-brace of Fig. 1. Figs. 4 and 5 are sectional details showing the springs and pivoted braces.

A represents the casing, B the blind, and C the blind-hinge.

D is a metallic base or shell secured to the casing or wall, and E a folding brace pivoted at one end to said base or shell by a screw F. The base is recessed or cut away to allow the brace E to fold snugly when not in use, and said brace is adapted to be spread or opened out, as in Figs. 1 and 3, to hold the blind open. When thus spread, the arm or brace E extends obliquely outward, about as shown. The base or shell D is provided also with another folding arm G, pivoted to it on a screw H, so that it may be folded upwardly out of the way, as in Fig. 1, or be opened out horizontally to hold the blind in its closed position, as in Fig. 2.

J represents an angular casting screwed

firmly to the edge and inner face of the lower part of the blind. This casting is formed with two sockets, the upper one, K, Figs. 1 and 3, being arranged to engage the brace-arm E when it is spread or swung upwardly to hold the blind open, and the lower one, L, being adapted to receive and hold the head of the arm G when it is unfolded and swung downwardly to fasten the closed blind, as shown in Fig. 2. Each arm is furnished with a suitable spring M, located near its pivot and serving to hold it normally in either of its positions. Such springs may be formed of a single piece of metal suitably shaped and located.

The casting J is shown prolonged upwardly in Fig. 1 and formed with a vertical cylindrical socket N to receive the pintle of the blind-hinge C. Instead of this integral construction the hinge-socket may be formed on a separate plate in the usual way, as indicated by the dotted line in Fig. 1. The casting J is also represented as formed with a finger-piece O for convenience in operating the blind. Brace E is also shown with a central lip or projection to facilitate opening it out when desired; but these projections are not essential.

I claim as my invention—

1. In a blind-fastener, a metallic base or shell adapted to be secured to the window-casing, and two folding arms pivoted on said base or shell and serving successively as hooks or braces, in combination with a casting adapted to fit upon the blind and formed with two sockets to engage said arms when they are unfolded, substantially as set forth.

2. In a blind-fastener, a metallic base or shell adapted to be secured to the wall or casing, and two folding arms pivoted on said base and adapted to serve as hooks or braces, each arm being provided near its pivot with a suitable spring, in combination with an angular casting fitting upon the side and edge of the blind and formed with two sockets to engage said arms successively, substantially as set forth.

In testimony whereof I have affixed my signature in presence of two witnesses.

MASSIMINO GIGLIO.

Witnesses:

A. H. SPENCER,

H. W. LADD.