

No. 675,613.

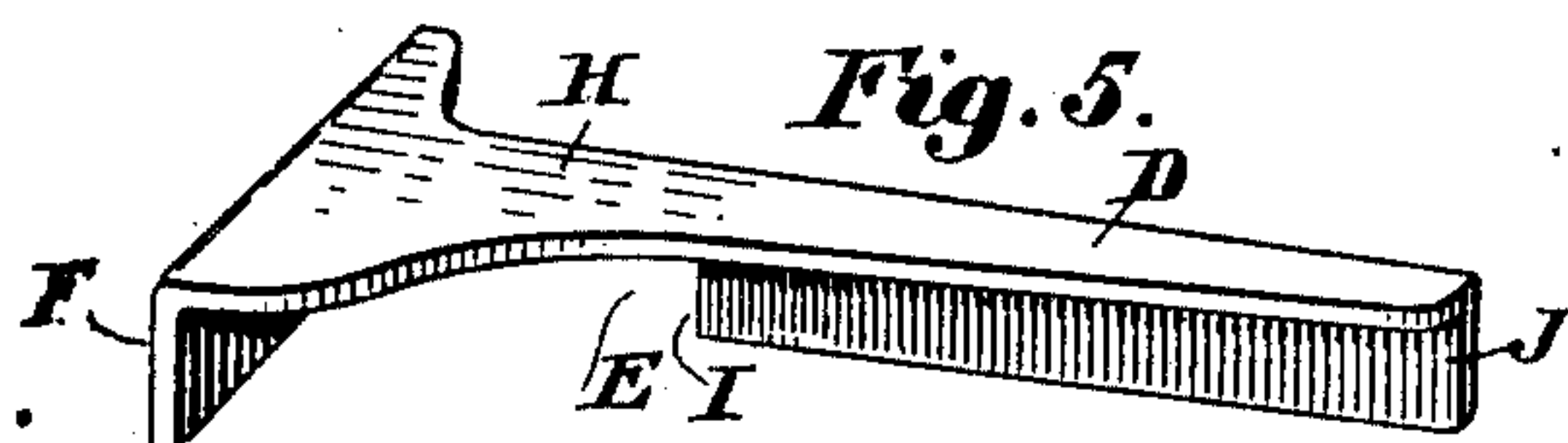
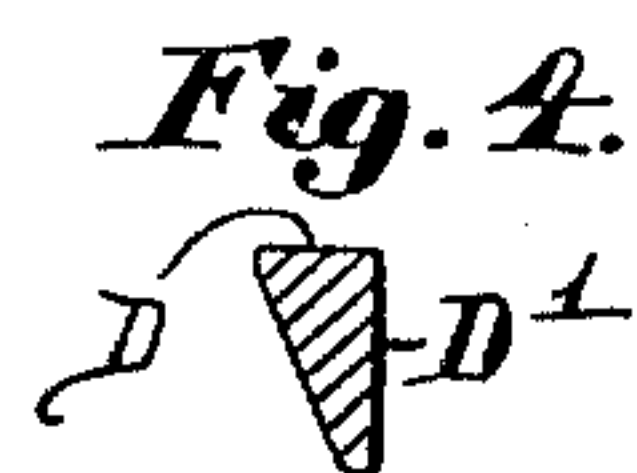
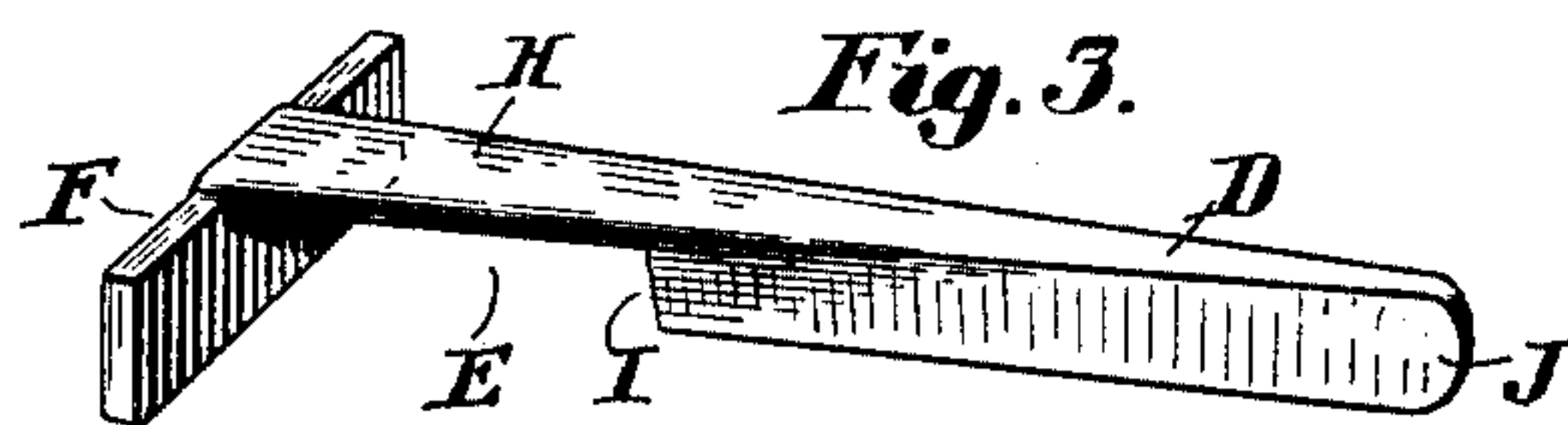
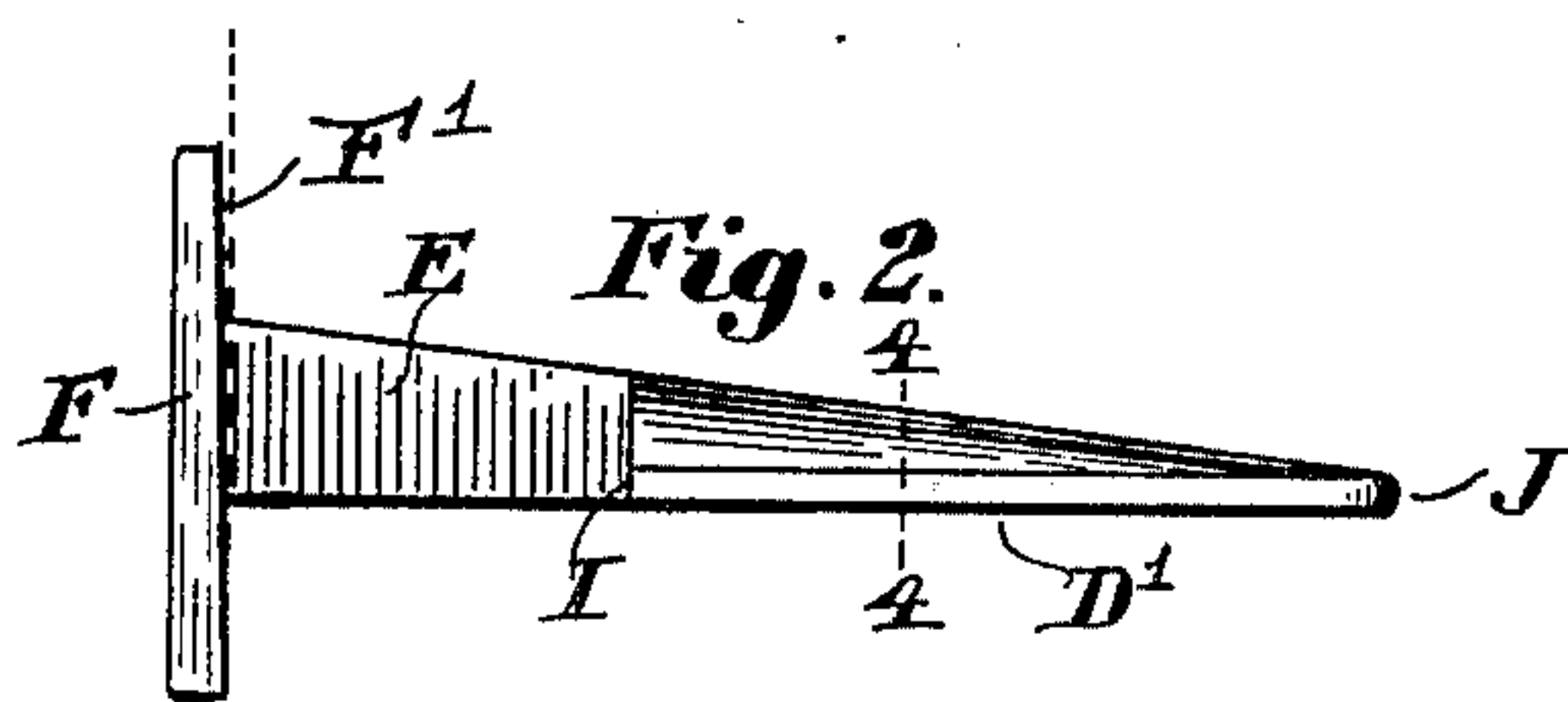
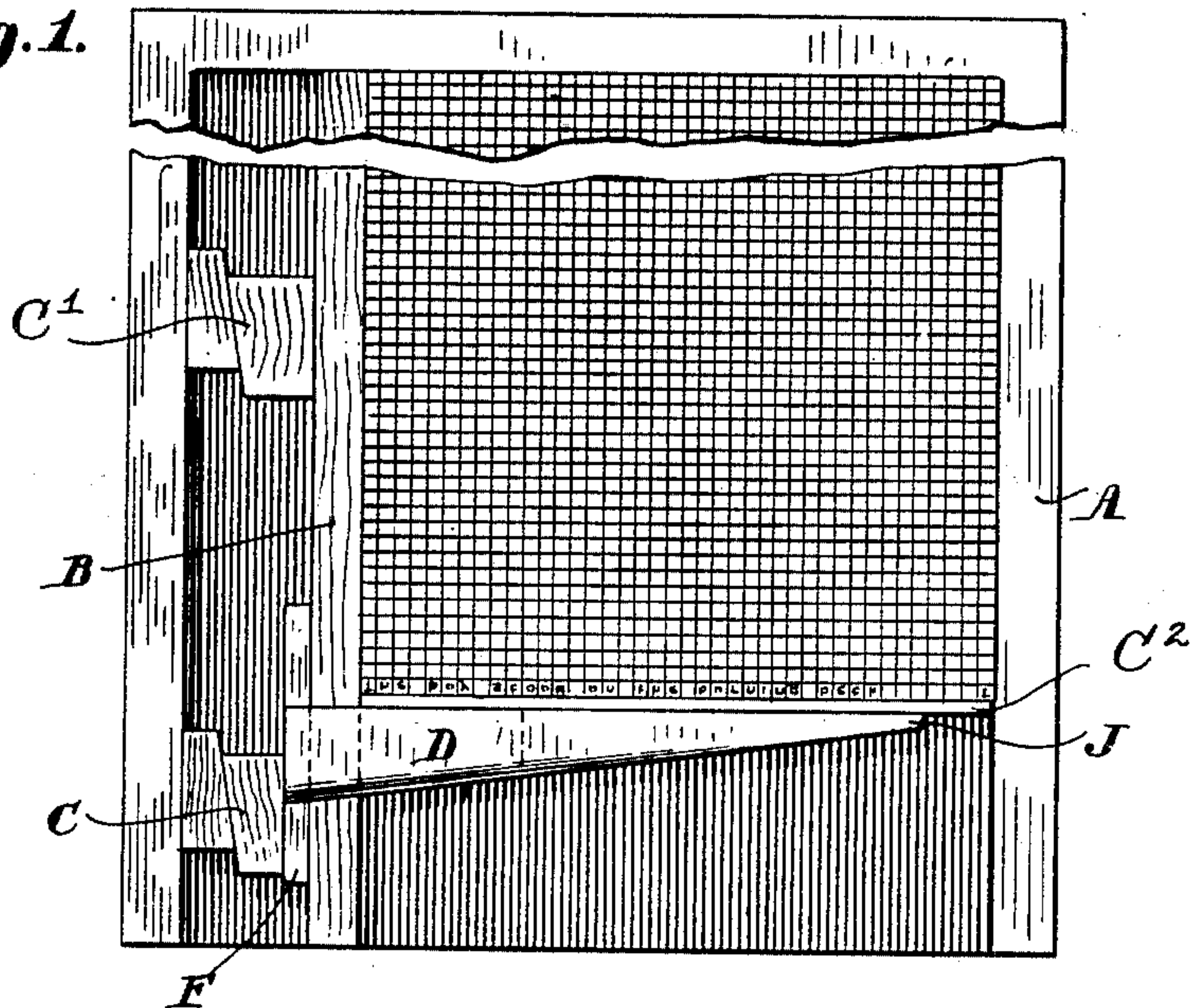
Patented June 4, 1901.

E. E. VINK.  
END LOCK FOR GALLEYS.

(Application filed Dec. 11, 1900.)

(No Model.)

*Fig. 1.*



**Witnesses:**

Walter C. Lombard.  
C. C. Sticher

**Inventor:**

E. E. Vink  
by *Ernest Brown*  
his atty



# UNITED STATES PATENT OFFICE.

ELMER E. VINK, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO EDWARD A. F. GORE, OF SAME PLACE.

## END-LOCK FOR GALLEYS.

SPECIFICATION forming part of Letters Patent No. 675,613, dated June 4, 1901.

Application filed December 11, 1900. Serial No. 39,465. (No model.)

*To all whom it may concern:*

Be it known that I, ELMER E. VINK, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in End-Locks for Gal-

leys, of which the following is a specification. This invention has relation to end-locks for galleys, and has for its object to provide certain improvements therein whereby the lock will be adapted for galleys having sidesticks with parallel sides or with one side at a slight inclination to the other.

In carrying out the invention I depend more or less upon the resiliency of the material of which the lock is made and provide thereby for the lock engaging the end blank of the galley with an even pressure throughout all of its length.

Referring to the accompanying drawings, which form a part of this specification, Figure 1 represents a galley to which my end-lock is applied. Fig. 2 represents a reverse view of the lock. Fig. 3 represents a perspective view of the same. Fig. 4 represents a transverse section on the line 4 4 of Fig. 2. Fig. 5 represents another embodiment of the invention wherein the lock is formed of sheet metal.

The galley is indicated at A, and it is provided with a sidestick B, held firmly against the type by the quoins C' C'.

C<sup>2</sup> indicates the blank which supports the last line of type and against which the lock is pressed.

The lock is indicated at D. It has a flat face D' and is slotted at E, the end wall of the slot being laterally extended to form a head F. The lock is tapered from the head to the end J, as shown in Fig. 2, and the face opposite that at D' is beveled, as shown in Fig. 4, so that in section the lock is substantially triangular, thus providing the greatest strength. The lock is placed in the galley with the inner face F' against the sidestick and with the bridge H projecting across the top of the sidestick and resting thereon. The face D' of the lock is placed flat against the blanks C<sup>2</sup>, and the quoins C are driven into place. It will be observed from Fig. 2 that the face F' of the head F is at an angle slightly

less than a right angle to the face D'. In other words, the head F is wedge-shaped or is beveled, so that when the sides of the sidestick B are parallel the face D' of the lock will be at a slight inclination to the lines of type, and consequently when the quoins are forced in place the blank C<sup>2</sup> is engaged firmly and continuously by the face D' of the end-lock. If the sidestick B is slightly wedge-shaped, then the inclination of the face D' to the blank C<sup>2</sup> is greater than shown in Fig. 1; but even in that event the forcing of the quoins into place will cause the engagement of the lock with the blank C<sup>2</sup> along the inner face D'. This formation of the lock I regard as most essential and desirable.

The end-lock shown in Figs. 1, 2, 3, and 4 may be of cast metal; but where it is desired to form the same of sheet metal it may be constructed as shown in Fig. 5. In this event the shape of the lock is substantially that of the one previously described, except that the engaging face of the lock is formed by a downturned flange or lip.

Having thus explained the nature of the invention and described a way of constructing and using the same, although without attempting to set forth all of the forms in which it may be made or all of the modes of its use, I declare that what I claim is—

1. An end-lock for galleys having a flat engaging face, a bridge to project across the top of the sidestick, and a head to be pressed against the side face of the said stick, the inner face of the head being at an angle less than a right angle to the engaging face of the lock.

2. An end-lock for galleys comprising a head, a bridge to project across the sidestick, and a face to engage the type, the said lock being tapered from its head to its opposite end and being tapered from its upper edge to its lower edge, substantially as described.

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

ELMER E. VINK.

Witnesses:

M. B. MAY,

EDWARD A. F. GORE.