

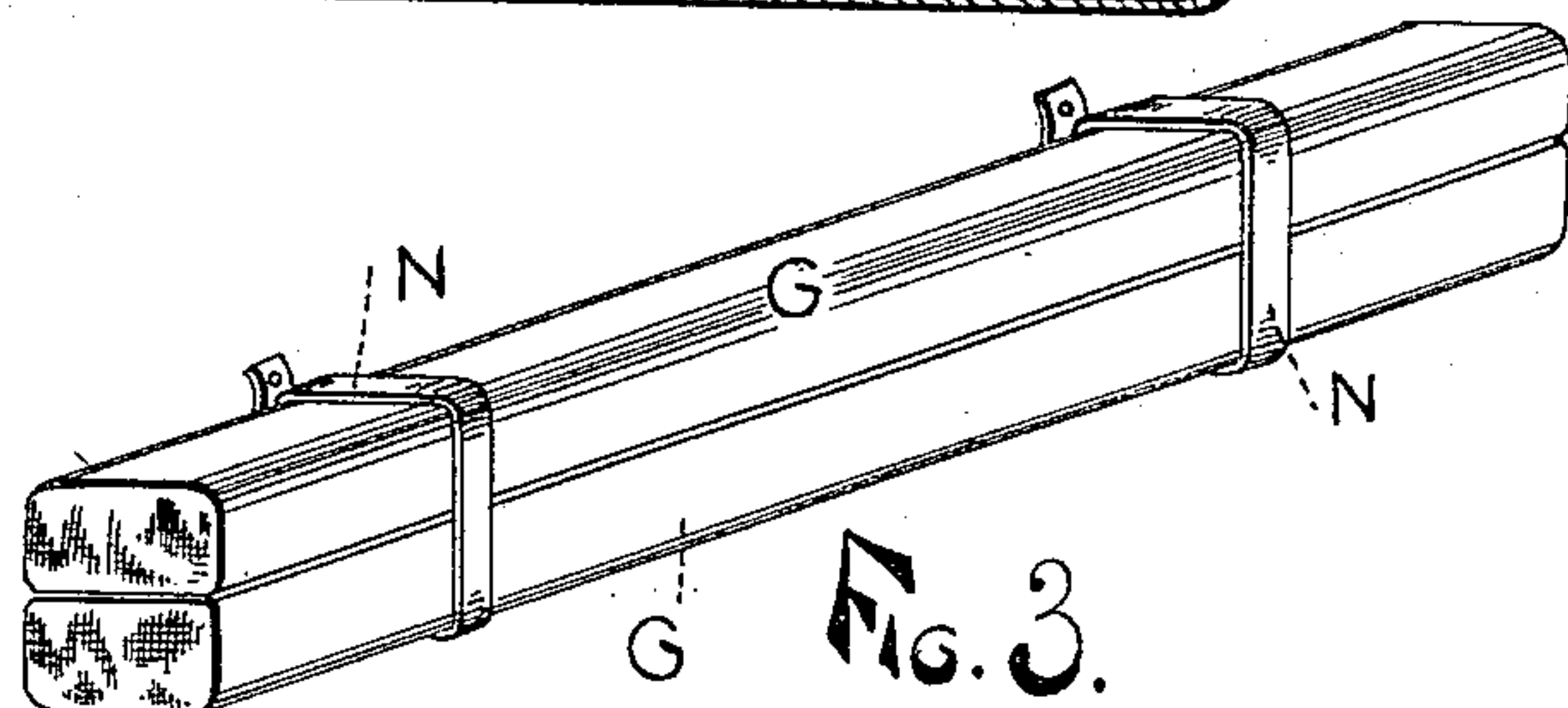
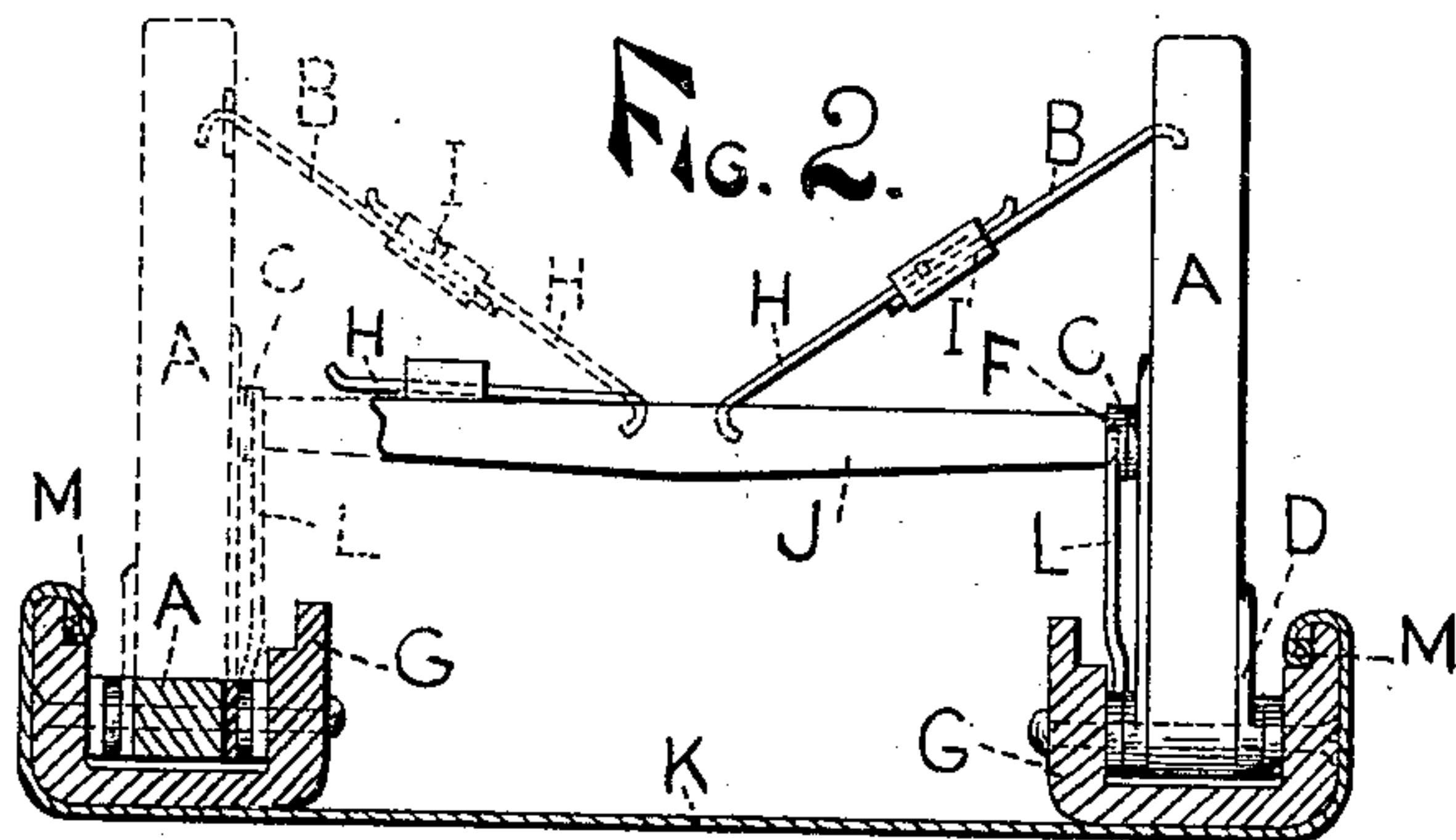
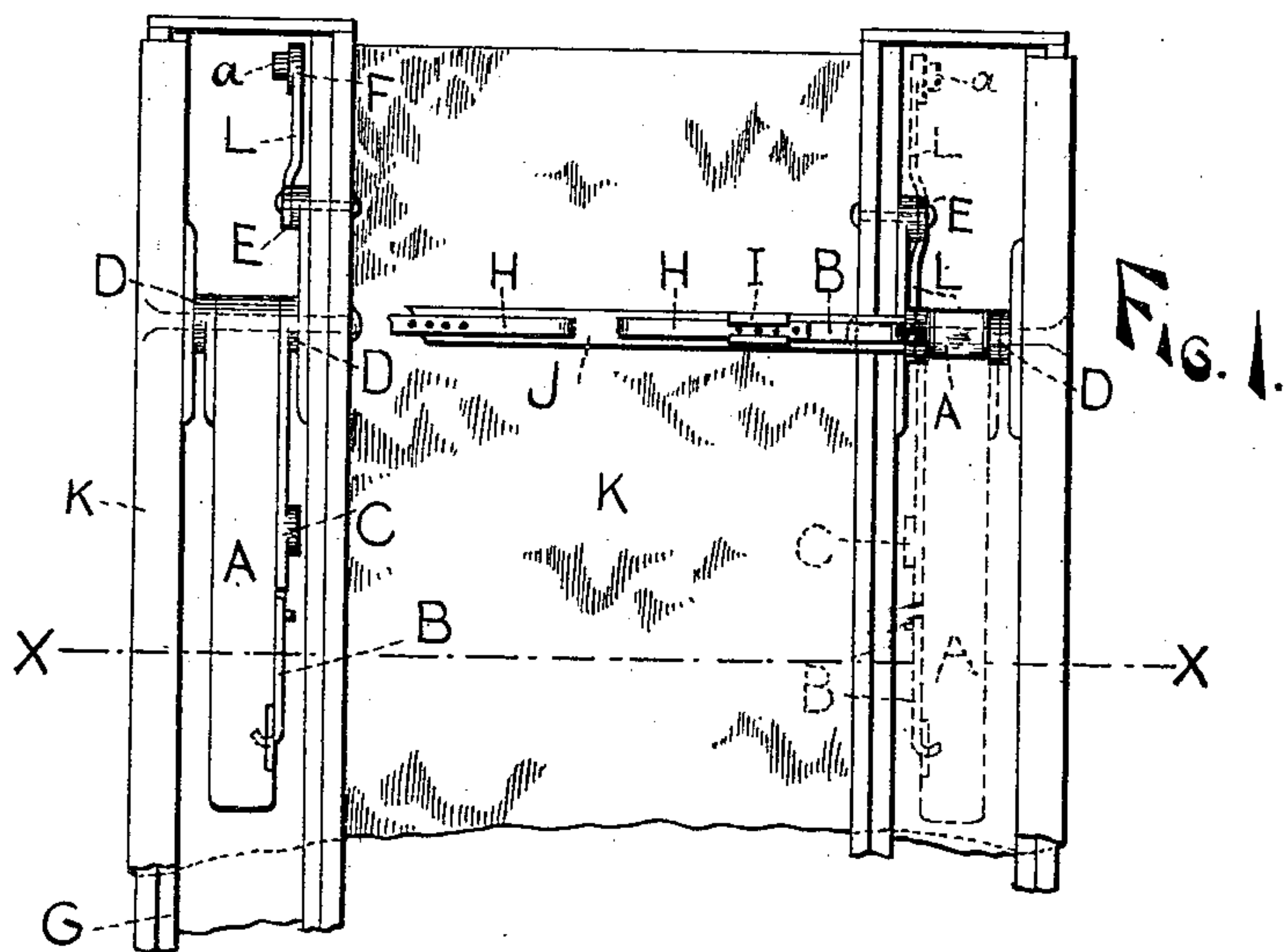
(No Model.)

E. E. HERRINTON & H. C. RUSSELL.

FOLDING COT BED.

No. 353,943.

Patented Dec. 7, 1886.



WITNESSES

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EDWARD E. HERRINTON AND HENRY C. RUSSELL, OF GRAND RAPIDS, MICH.

FOLDING COT-BED.

SPECIFICATION forming part of Letters Patent No. 353,943, dated December 7, 1886.

Application filed March 21, 1885. Serial No. 159,677. (No model.)

To all whom it may concern:

Be it known that we, EDWARD E. HERRINTON and HENRY C. RUSSELL, both citizens of the United States, residing at the city of Grand Rapids, in the county of Kent and State of Michigan, have jointly invented certain new and useful Improvements in Folding Cot-Beds, of which the following is a specification.

Our invention relates to a cot-bed with legs and braces which fold to the side rails; and the objects of our invention are, first, to so form the side rails that not only the legs and braces, but the cloth, may be folded within the two rails; second, to securely attach the edges of the cloth to the side rails; and, third, to hold the cot in position by means of adjustable braces which can be used to tighten the cloth which forms the bed-bottom. These objects we accomplish by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is an inverted plan view of the cot, showing the method of attaching the folding leg to the side rail and the construction of the side rails. Fig. 2 is a vertical sectional view of the same on line *xx* of Fig. 1, and Fig. 3 a perspective view of the folded cot.

Similar letters refer to similar parts throughout the several views.

G represents the side rails, which we make either of one piece of wood hollowed out, as shown in Fig. 2, or which can be made of veneers bent into the proper shape. We have experimented with both forms, and as great lightness is required veneer side rails are preferable.

A is the leg, provided with the hinge D, so that it may be folded down into the hollow of the side rail, as shown in Fig. 1.

L is a brace, which holds the leg A in position when the leg is unfolded, as shown in Fig. 2. One end of the brace L is attached to the side rail by journal E, as shown in Fig. 1.

F is the socket-head of brace L.

C is a stationary socket.

a is a round leg which is pressed into the socket C.

The brace L is connected to the leg A at one end and at the other end to the side rail, G, so that the brace can readily be detached and folded into the rail.

B is a portion of the lateral track attached to the leg A and a portion of the lateral brace attached to the side rail. Band H are attached together by the sleeve I, so as to form one brace, which may be extended or contracted. The object of this adjustability is to enable the user of the cot to strain the cloth K at pleasure. When folded, the part B remains attached to the leg A and the part H to the cross-brace J. The brace J extends from the leg on one side rail to the leg on the other side rail, and is detachable.

In attaching the cloth to the side rail we use a wire, M, sewed in or otherwise attached to the edge of the cloth, and then by means of nails or other suitable means attach the cloth to the inside of the side rail, as shown in Fig. 2. The use of the wire may be dispensed with and other means used, if desired.

When the cot is folded, the legs, braces, and cloth are all folded within the side rails, so that the whole presents the appearance of a rod or beam, as shown in Fig. 3. When the cot is folded, the side rails form a tube containing all the other parts of the bed. The ends of the side rails we inclose with metal or other material.

Having thus described our invention, what we claim to have invented, and desire to secure by Letters Patent, is—

1. In a folding cot-bed, the side rails, each open on one side, adapted to receive and inclose the web or cloth, and legs and braces constituting the other parts of the cot-bed, substantially as described.

2. In a folding cot-bed, the combination of the side rails, open on one side, with the cloth or web adapted to fold within the hollow formed by placing the two side rails together, substantially as described.

3. In a folding cot-bed, the combination of the side rails, open on one side, a web or cloth, and hinged legs adapted to fold with said web within the open sides of the side rails, substantially as described.

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Witnesses:

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