

(No Model.)

J. KIRBY, Jr.

DEVICE FOR HANGING TRANSOMS.

No. 268,367.

Patented Nov. 28, 1882.

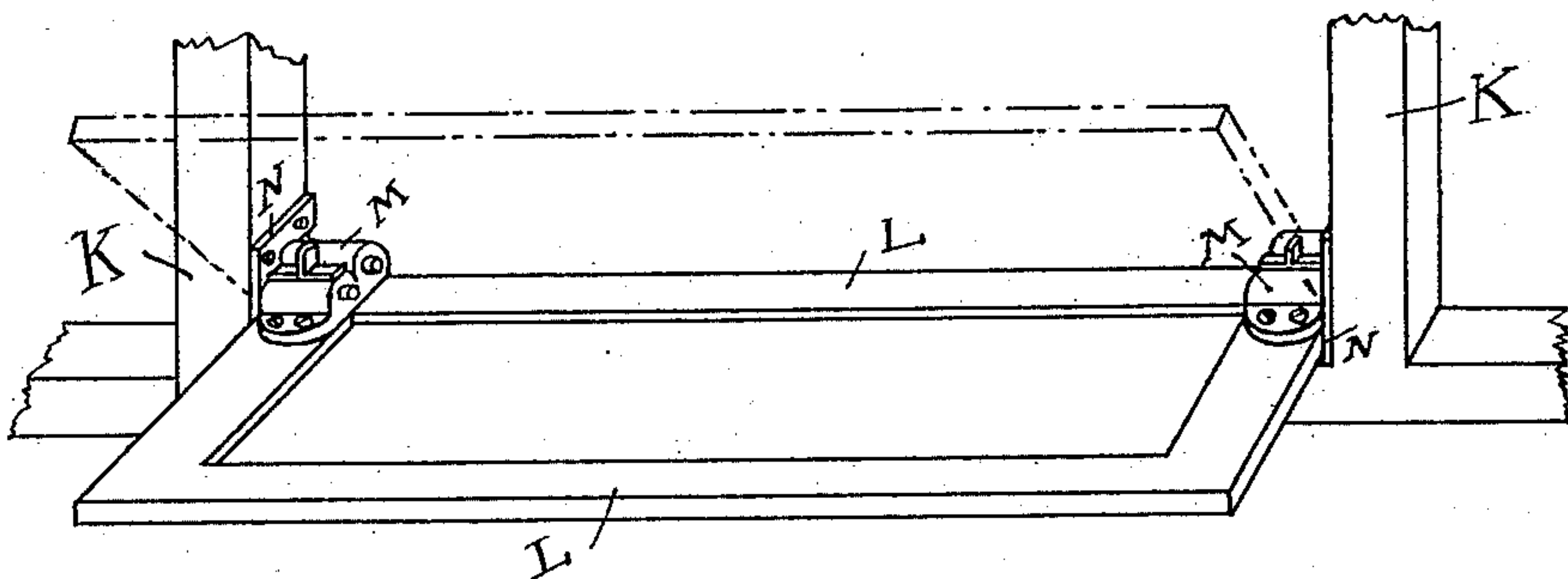


Fig. 1

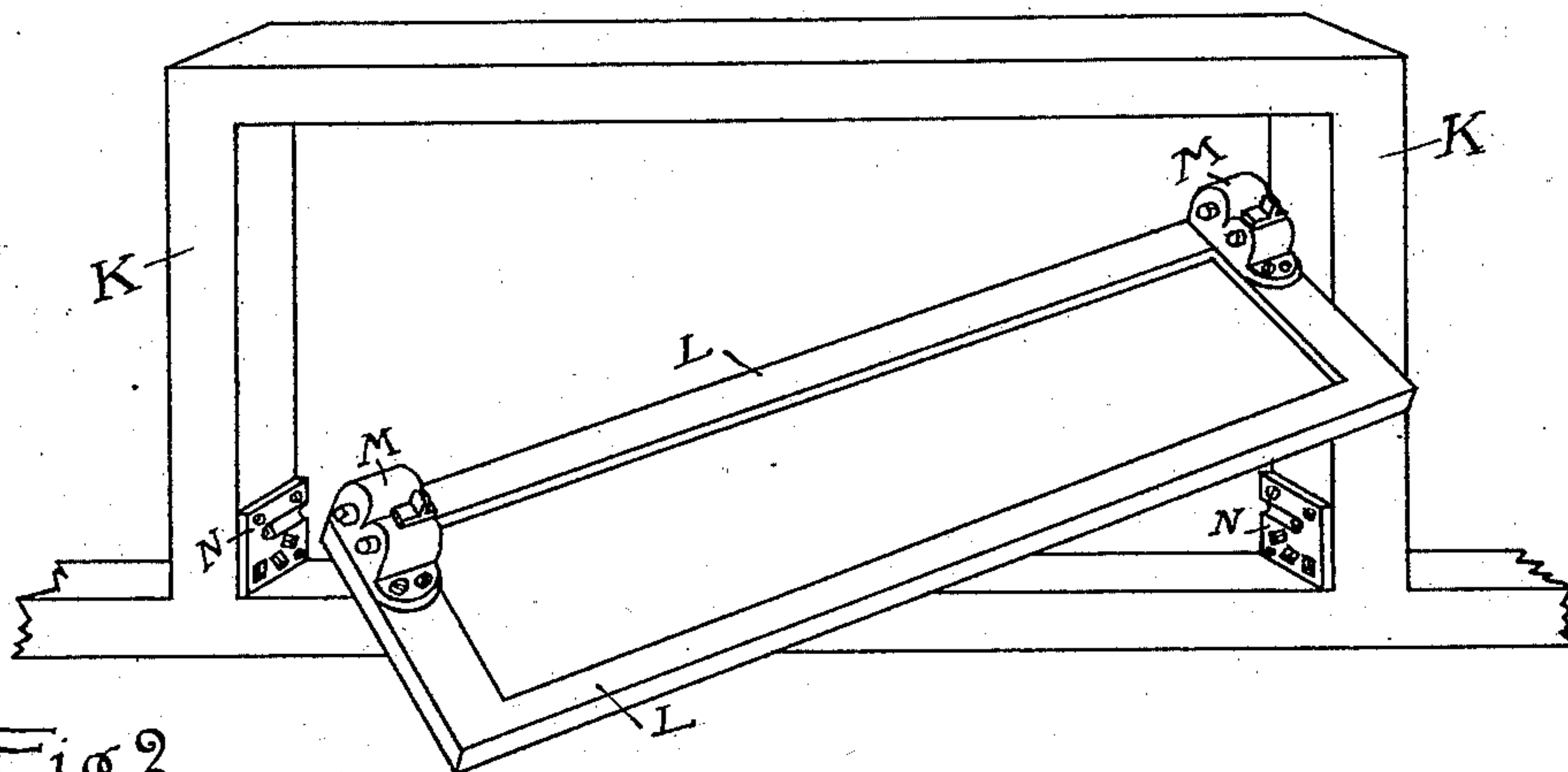


Fig 2

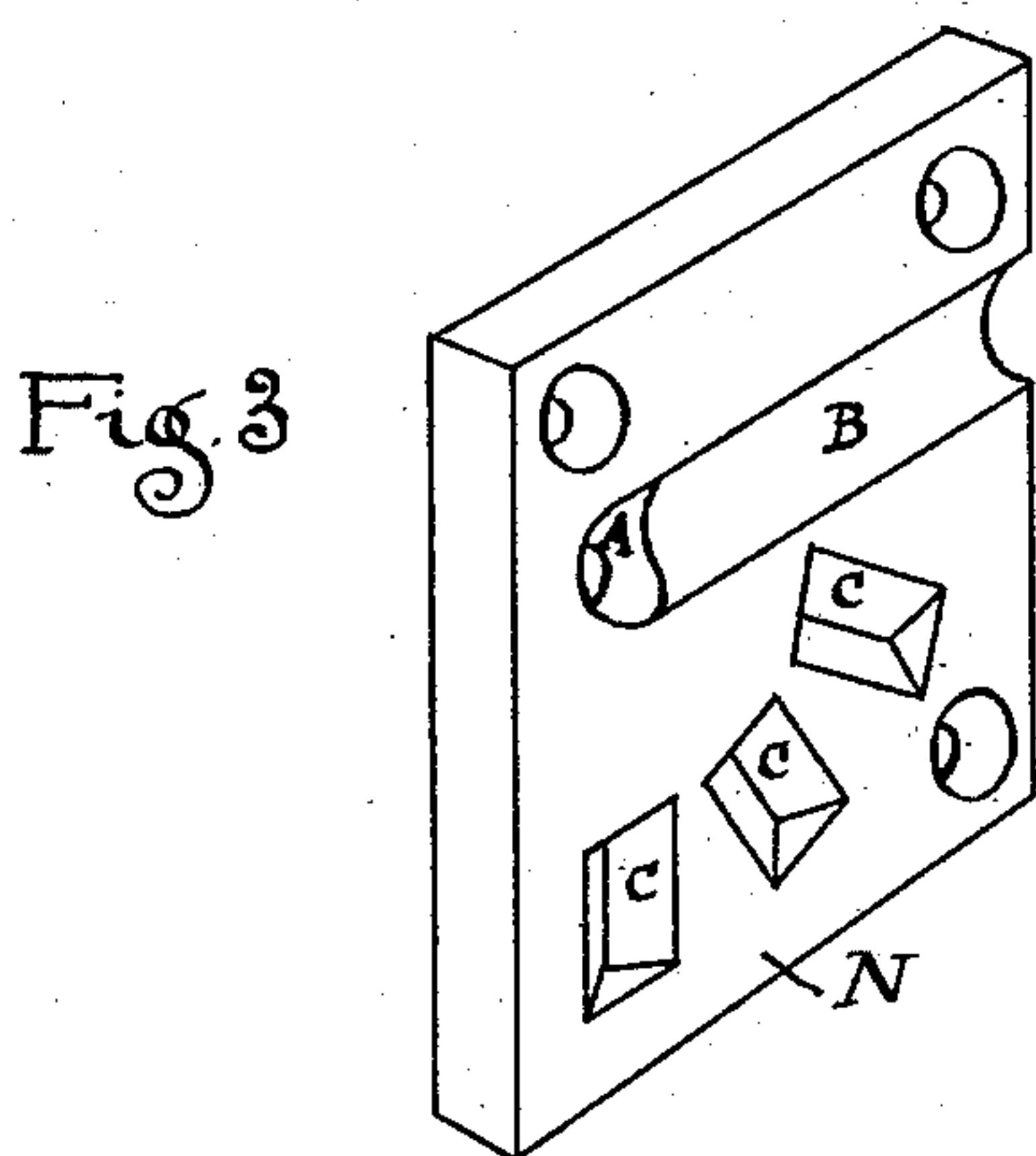


Fig. 3

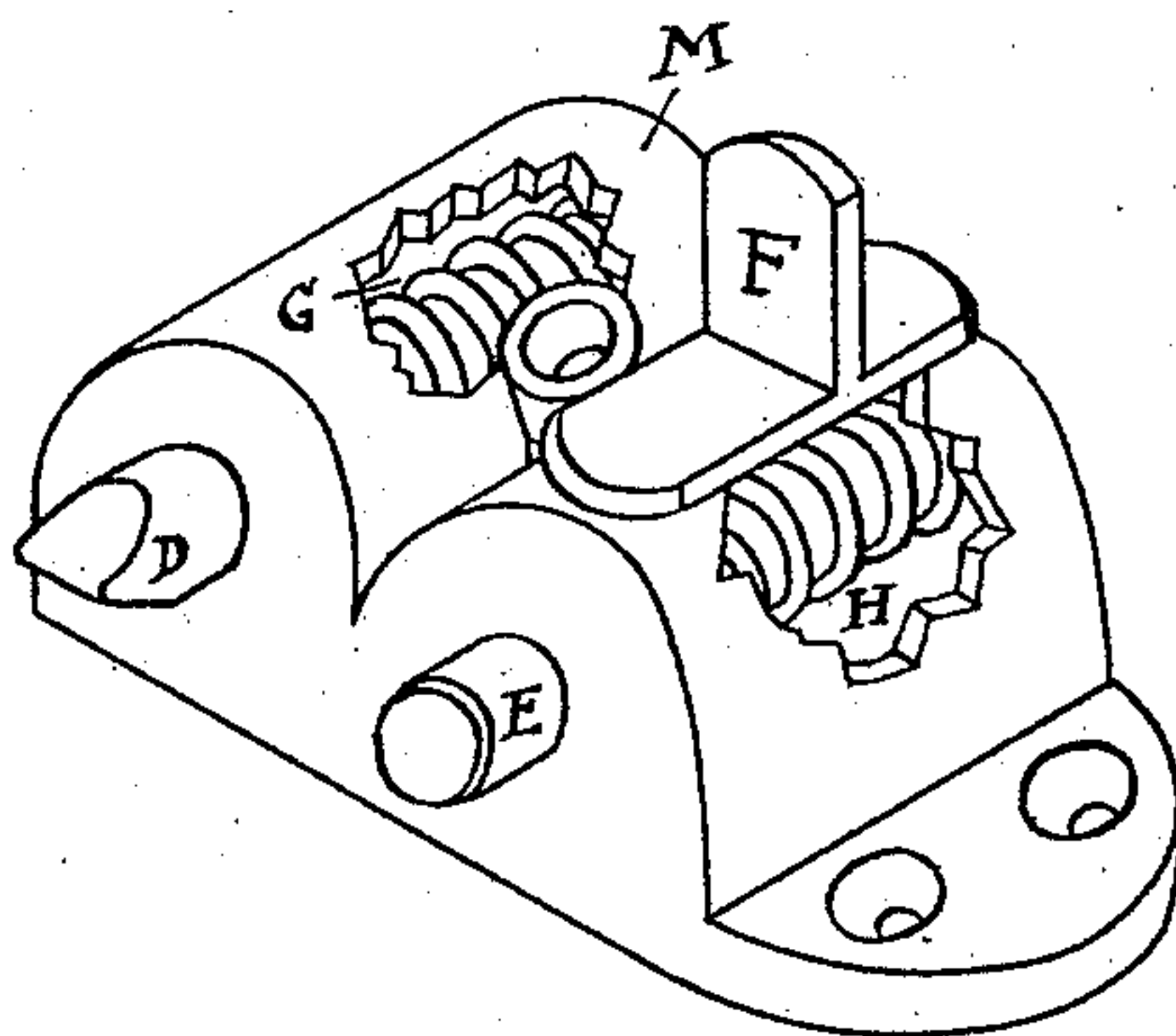


Fig. 4

Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN KIRBY, JR., OF LUDLOW, KENTUCKY.

DEVICE FOR HANGING TRANSOMS.

SPECIFICATION forming part of Letters Patent No. 268,367, dated November 28, 1882.

Application filed June 12, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN KIRBY, JR., of Ludlow, Kenton county, Kentucky, have invented a certain new and useful Improvement in Sash-Pivots; and I do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

10 Figure 1 is a perspective view with the sash in position to be removed. Fig. 2 is a perspective view with the sash removed. Fig. 3 is a perspective view of my bolt-and-ratchet plate with its bolt-hole and depressions. Fig. 15 4 is a perspective view of my pivot-bolt and ratchet-bolt holder or casing.

Similar letters of reference refer to the same parts in the several drawings.

20 My invention relates to pivots for sash, more especially to that known as "deck-sash" for railway-cars; and it consists—

First, in placing two spring-bolts, E and D, in one casing, M, said casing being provided with screw-holes for attaching it to the sash. 25 One of these bolts, E, is an ordinary fastening spring-bolt, having a retracting thumb-piece, F. The other spring-bolt, D, has no retracting thumb-piece, and its outer end tapers from two sides to the center.

30 Second, in a bolt-and-ratchet plate, N, having screw-holes for attaching it to a sash-casing. This plate has in it bolt-hole A, groove B, to admit and hold bolt E, and depressions CCC for receiving and holding bolt D. Groove 35 B also receives and holds bolt D when the sash is down or wide open.

My invention is used as follows, viz: The bolt-and-ratchet plate N is firmly screwed to the upright of the casing K, being flush with the surface thereof. The sash L is then passed 40 through the casing at an angle and brought down square with the casing. The bolts E are then pressed back until they will pass into groove B, and then, the pressure being taken off the thumb-pieces, into bolt-hole A. When 45 the sash and pivot-bolt are in this position bolt D is resting in groove B. Now, if the sash be raised, bolt D will slide into any of the recesses or depressions C C C by reason of its wedge-shaped or tapered end, so that the sash may 50 be held in four positions without the aid of other mechanism. The sash may be removed by bringing it to its first position and retracting the pivot-bolts.

Having thus described my invention, what I 55 claim as new, and desire to secure by Letters Patent, is as follows:

The sash-pivoting device consisting of the ratchet-plate N, having bolt-hole A, groove B, and depressions C, and of the bolt-casing M, 60 containing spring-bolt E, furnished with a thumb-piece, F, and spring-bolt D, having a beveled nose, substantially as described.

The foregoing specification of my invention signed by me this 5th day of June, A. D. 1882. 65

JOHN KIRBY, JR.

Witnesses:

E. H. BAKER,
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