

(No Model.)

J. A. MULLEN.
KITCHEN CABINET.

No. 335,034.

Patented Jan. 26, 1886.

Fig. 1.

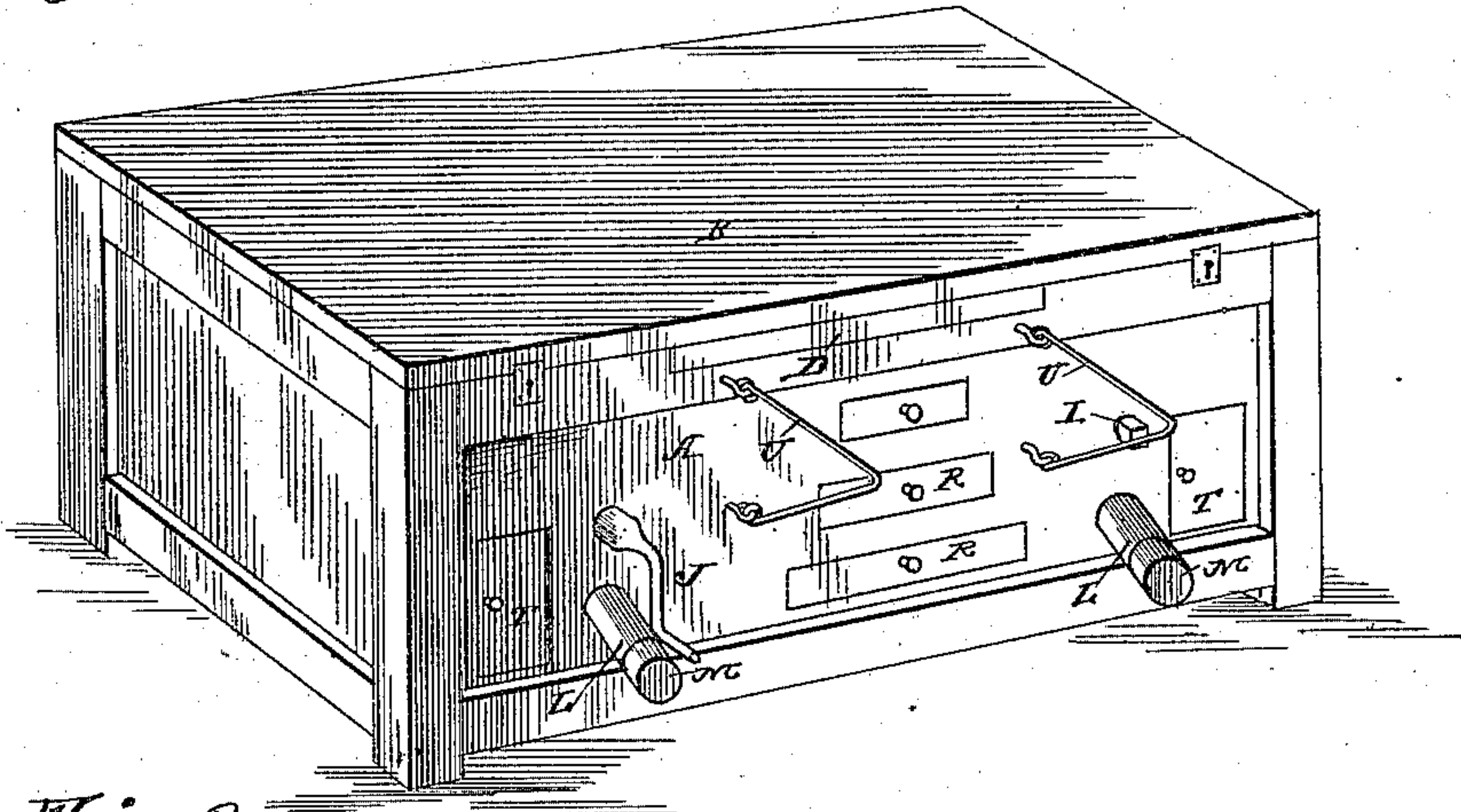


Fig. 2.

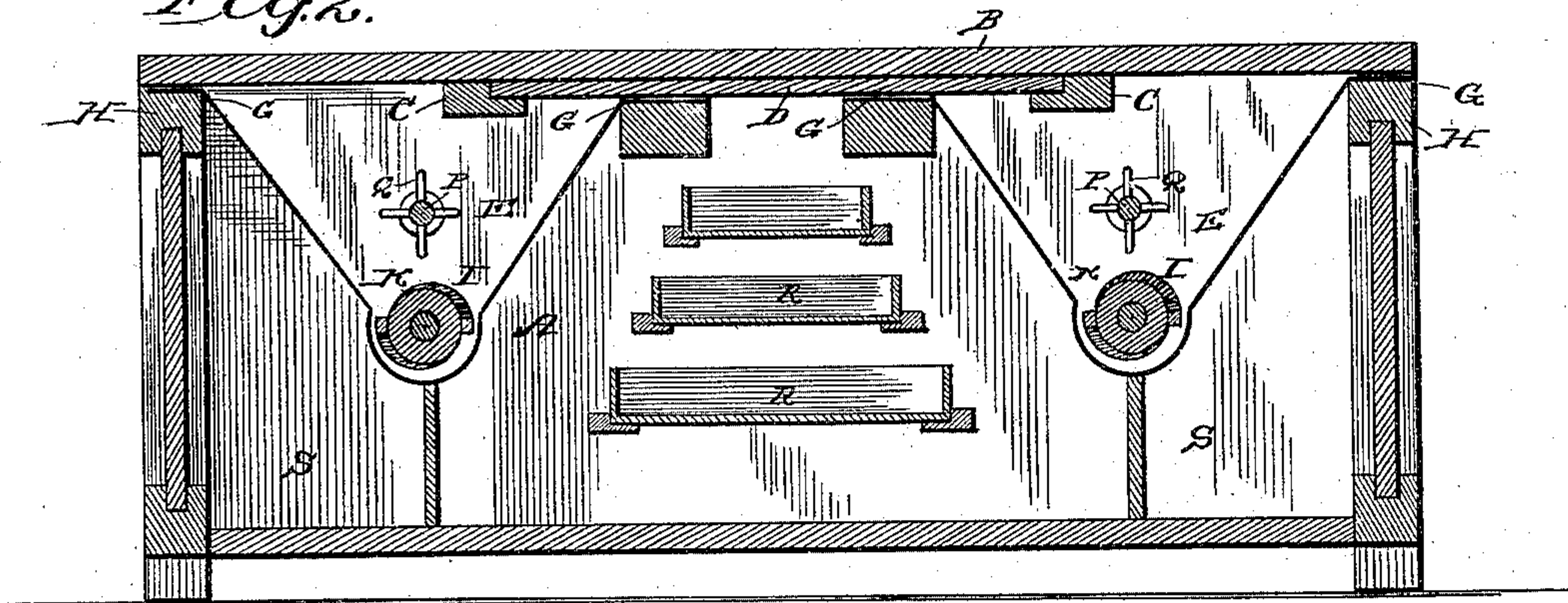
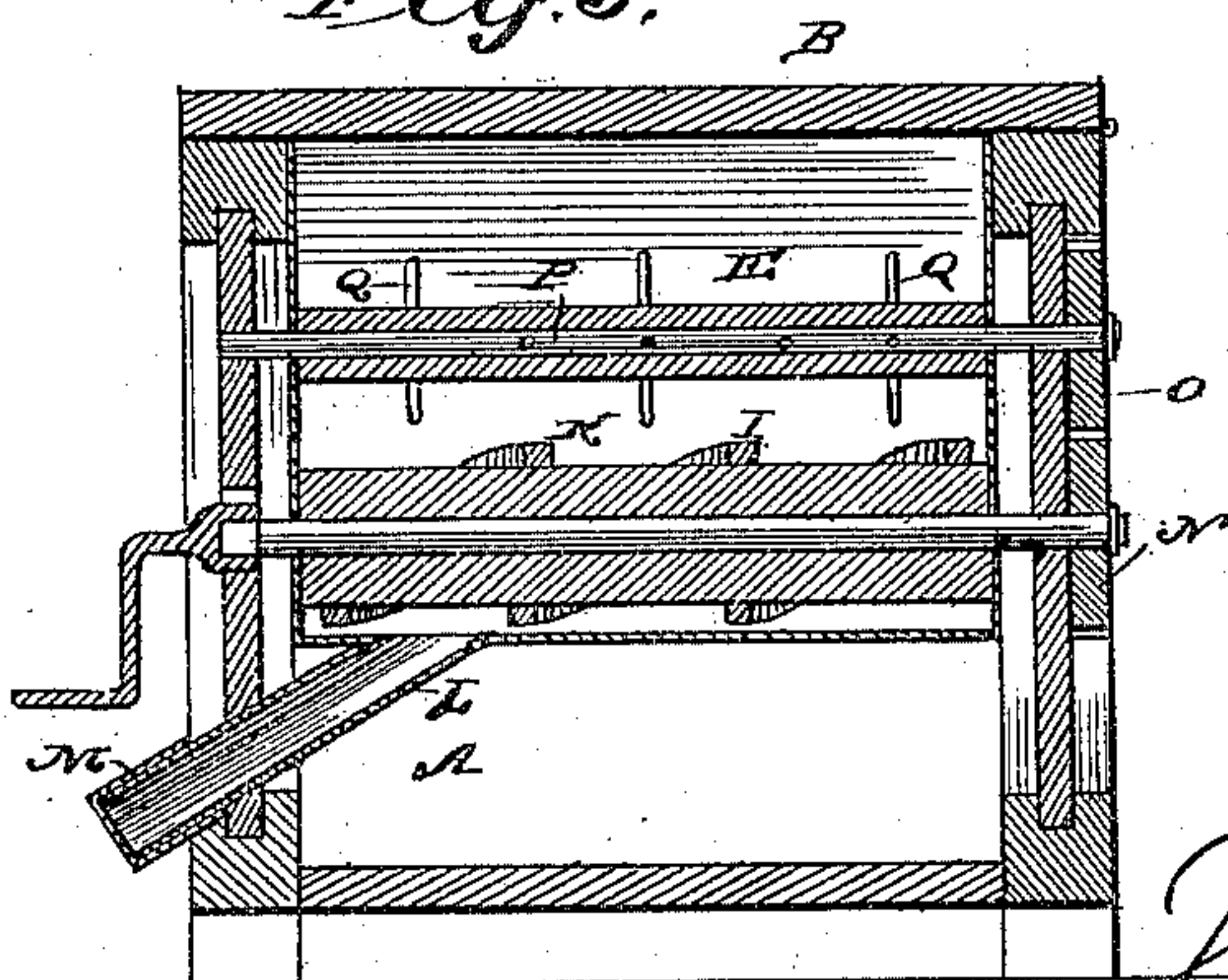


Fig. 3.



WITNESSES:

Fred. H. Dietrich
Wm. Bagger

INVENTOR.

John A. Muller
by Louis Bagger & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN A. MULLEN, OF GEORGETOWN, KENTUCKY.

KITCHEN-CABINET.

SPECIFICATION forming part of Letters Patent No. 335,034, dated January 26, 1886.

Application filed April 16, 1885. Serial No. 162,423. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. MULLEN, a citizen of the United States, and a resident of Georgetown, in the county of Scott and State of Kentucky, have invented certain new and useful Improvements in Kitchen-Cabinets; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved flour-chest or kitchen-cabinet. Fig. 2 is a longitudinal vertical sectional view of the same, and Fig. 3 is a vertical transverse sectional view taken on the line $x x$ in Fig. 2.

The same letters refer to the same parts in all the figures.

This invention relates to that class of devices which are known as "flour-chests" or "kitchen-cabinets;" and it has for its object to provide a device of this class which shall possess superior advantages in point of simplicity, durability, and general efficiency.

With these ends in view the invention consists in the improved construction, arrangement, and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A designates a suitably-constructed box-like frame or casing, to the upper rear edge of which is hinged a top or cover, B, which may serve as a table when so desired. The under side of the said top is provided with a pair of transverse cleats, C C, in which a cake-board, D, may be held detachably, so as to be at all times readily accessible when wanted for use.

E E are a pair of V-shaped boxes or hoppers, constructed of sheet metal, and having rounded or U-shaped bottoms F, and provided at their upper edges with flanges G G, by means of which the said boxes or hoppers may be supported upon the upper edges of the ends of the box or casing and upon a pair of transverse braces or cross-pieces, H H, connecting the sides of the latter, as shown. The front and rear ends of the said boxes or hoppers are provided with bearings for shafts I, the front

ends of which extend through the casing, and are provided with detachable cranks or handles J. The shafts I are provided within the boxes or hoppers with endless feed-screws K, fitting in the concave U-shaped bottoms, and serving to convey the contents of the hoppers, when the shafts are turned in a forward direction, toward the suitably-arranged spouts L, which are provided with metallic detachable caps or covers M, of suitable construction. The rear ends of the shafts I also extend through the casing, and are provided with spur-wheels N, meshing with pinions O upon shafts P, arranged above and parallel to the shafts I, and provided with radial fingers or stirrers Q. It will be seen that by this construction when one of the conveyer-shafts is revolved a revolving motion will be imparted to the agitator-shaft above, which will cause the contents of the hopper to drop down and be fed forward by the endless screw with certainty and regularity.

The casing is provided between the hoppers with suitably-arranged drawers R R, and at the ends are constructed cupboards S, which are conveniently accessible through doors T in the front side of the casing.

The front side of the casing is provided with hinged racks or brackets U U, upon which dish-towels and the like may be hung.

From the foregoing description, taken in connection with the drawings hereto annexed, the operation and advantages of this invention will be readily understood. The top is convenient for use as a table, the hoppers may contain flour and cornmeal, and the various receptacles are convenient for the safe-keeping of various household implements. The hoppers, being constructed of sheet metal, are vermin-proof, and their contents may be readily removed in any desired quantities by means of the conveyers or feed-screws. When not in use, the operating-cranks may be removed, so as to prevent the unauthorized removal of the contents. The top or cover, as well as the doors and drawers, may be suitably locked.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a kitchen-cabinet, the herein-described V-shaped hoppers having U-shaped bottoms, in combination with the screw-conveyers, the

shafts of which extend through the casing at the rear end and are provided with spur-wheels, agitator-shafts arranged above the said conveyer-shafts and having pinions meshing
5 with the said spur-wheels and radial fingers, and the detachable operating-cranks, substantially as and for the purpose herein set forth.

2. The combination, in a kitchen-cabinet, as described, provided with an inclined hop-
10 per at each end, of a series of different-sized drawers between said hoppers, said drawers

being arranged with the smaller drawers at the top and the larger drawers at the bottom of the cabinet, substantially as described, and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JOHN A. MULLEN.

Witnesses:

J. R. HUMPHREYS,
W. S. KENDALL.