J. KISOR.

Box-Machine.

No. 168,752. Patented Oct. 11, 1875.

Fig. 1.

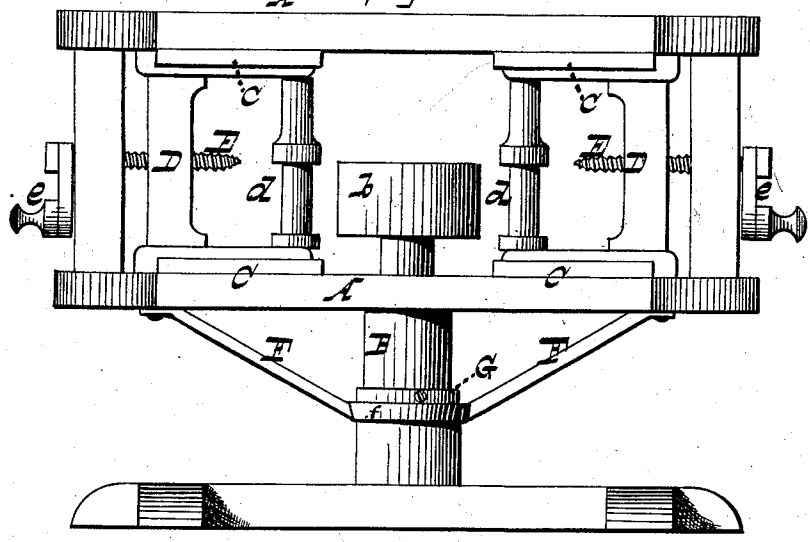


Fig. 2.

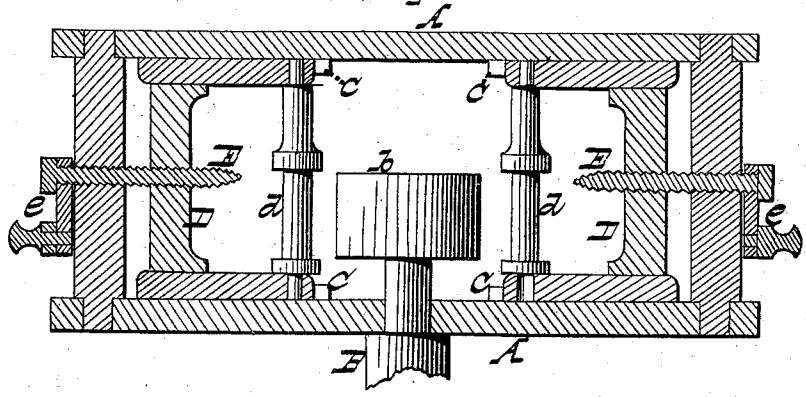
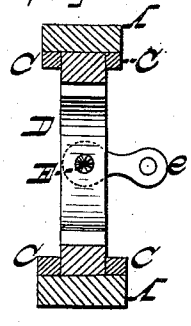


Fig. 3.



WITNESSES=

Jas. G. Hutchinson

J. Wm. Hister

INVENTOR.

John Kisor

Edson Bros.

Attorneys

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN KISOR, OF NEVADA, OHIO.

IMPROVEMENT IN BOX-MACHINES.

Specification forming part of Letters Patent No. **168,752**, dated October 11, 1875; application filed July 24, 1875.

To all whom it may concern:

Be it known that I, JOHN KISOR, of Nevada, in the county of Wyandot and State of Ohio, have invented certain new and useful Improvements in Box Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a side elevation, and Fig. 2 a longitudinal vertical section, of my improvement in box-machines, and Fig. 3 is a detached sectional view of the same.

Corresponding parts in the several figures are denoted by like letters.

This invention relates to a certain improvement upon my box-making machine for which Letters Patent were granted to me May 25, 1875; and it consists of the combination, with the former or cylinder, of sliding frames and rollers, substantially as hereinafter more fully set forth.

In the annexed drawing, A refers to the main frame or structure supported at or about its center upon the post B, having the forming-block *b*. The upper and lower bars of the frame A are supplied with grooves facing each other, formed by the flanges C C, or otherwise, to receive the frames D D, which carry the box-retaining rollers *d d*. E E are screws confined in the end pieces of the frame A, provided with cranks or handles *e e* for their operation, and passing through the upright portions of the frames D D, to permit of the latter being adjusted to and from the forming-block *d* in bringing the rollers *d d* in contact with, or removing them from, their work. F is a metallic brace, the outer ends of which are screwed or otherwise fastened to the frame A near its ends, its inner ends being screwed to or terminating into a ring, *f*, fitting around and resting upon the post B, to permit of the brace revolving with the said frame. A ring, G, slipped down on and fastened to the post B keeps the ring *f* to its place, holding the main frame or structure down upon the post B.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The sliding frames D, rollers *d d*, and former or cylinder *b*, in combination, substantially as and for the purpose set forth.

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

JOHN KISOR.

Witnesses:

BENJ. B. MYERS,

WM. B. MILLER.