

(No Model.)

R. WHITE.
PAPER HOLDER.

No. 325,139.

Patented Aug. 25, 1885.

Fig. 1.

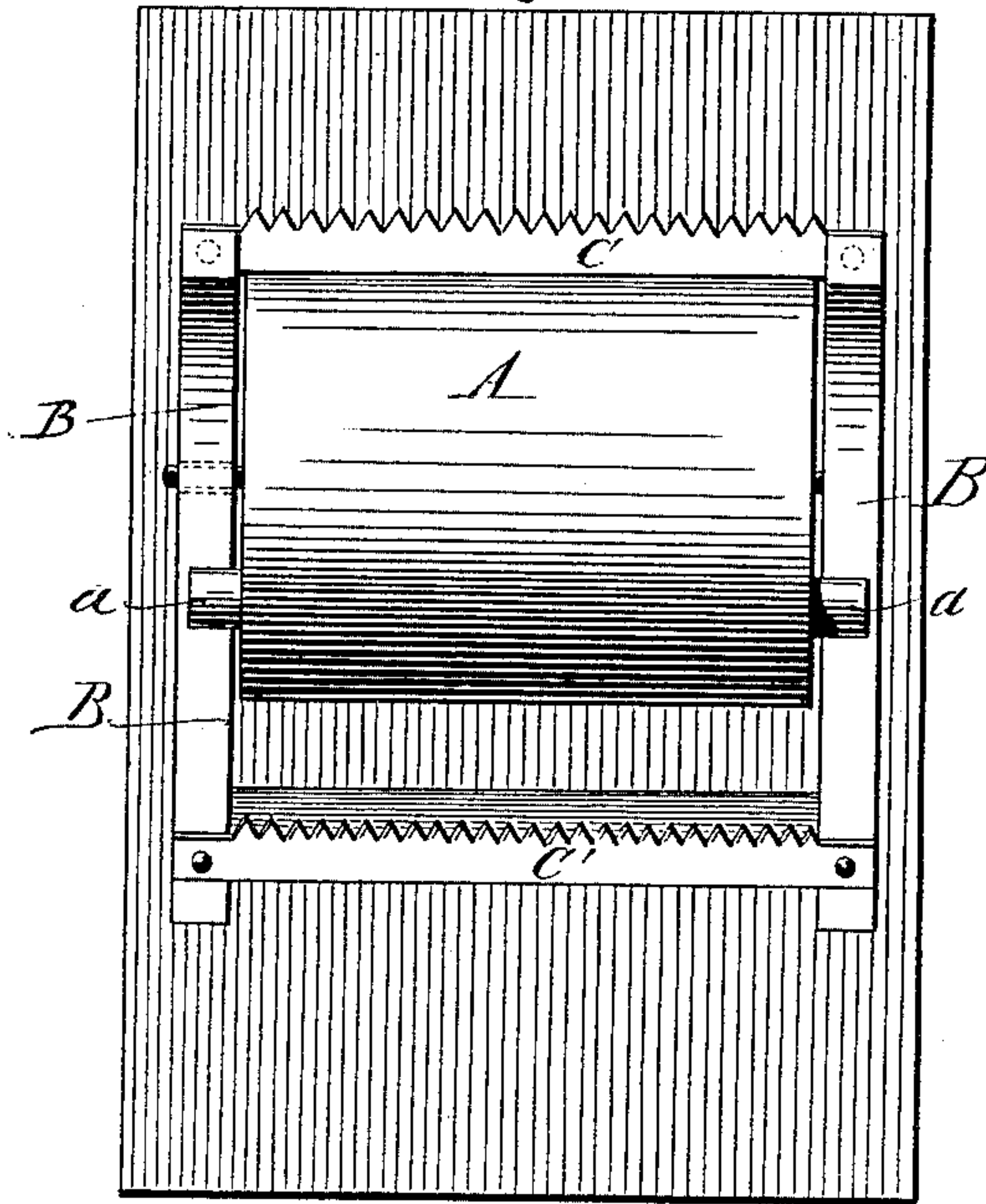


Fig. 2.

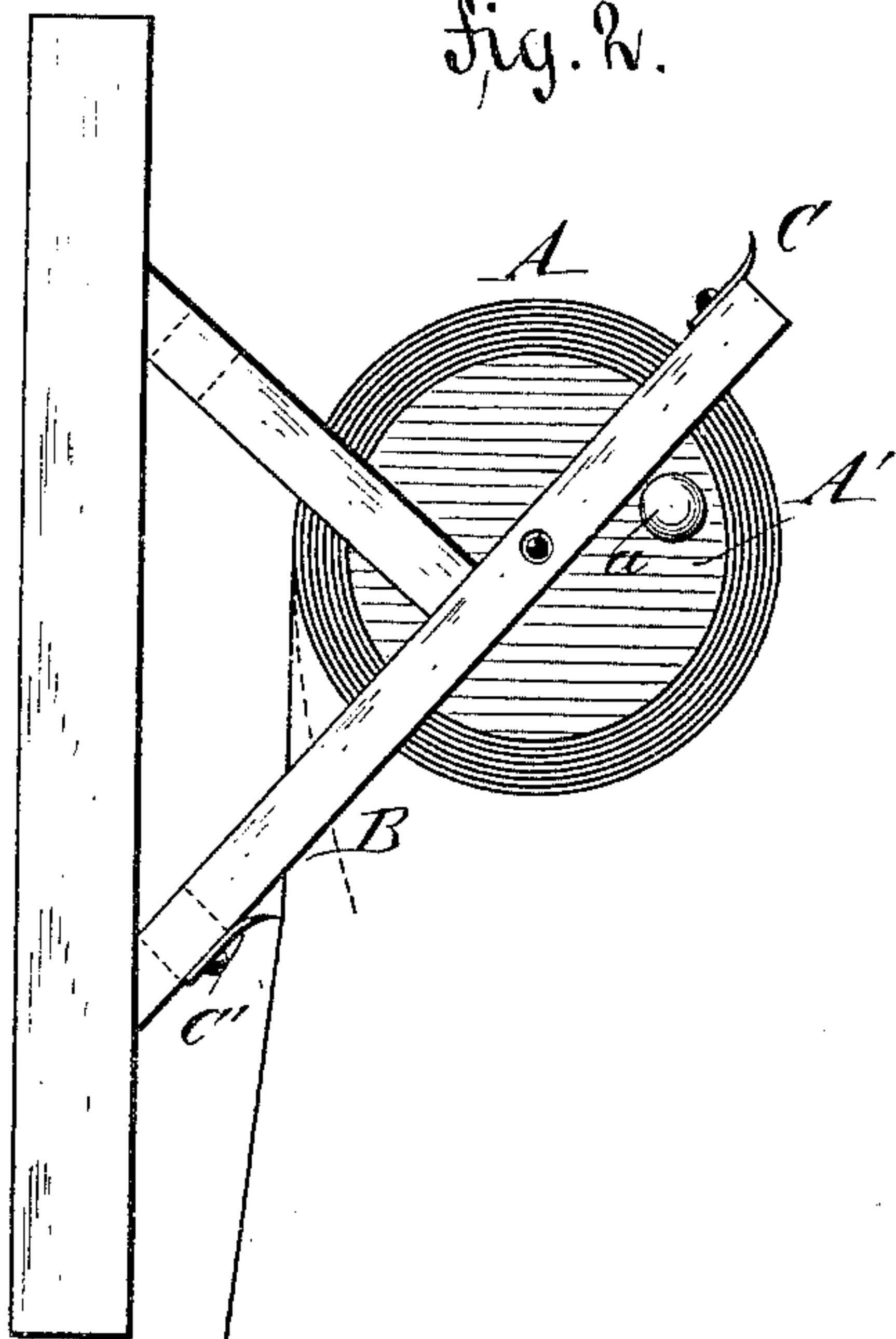
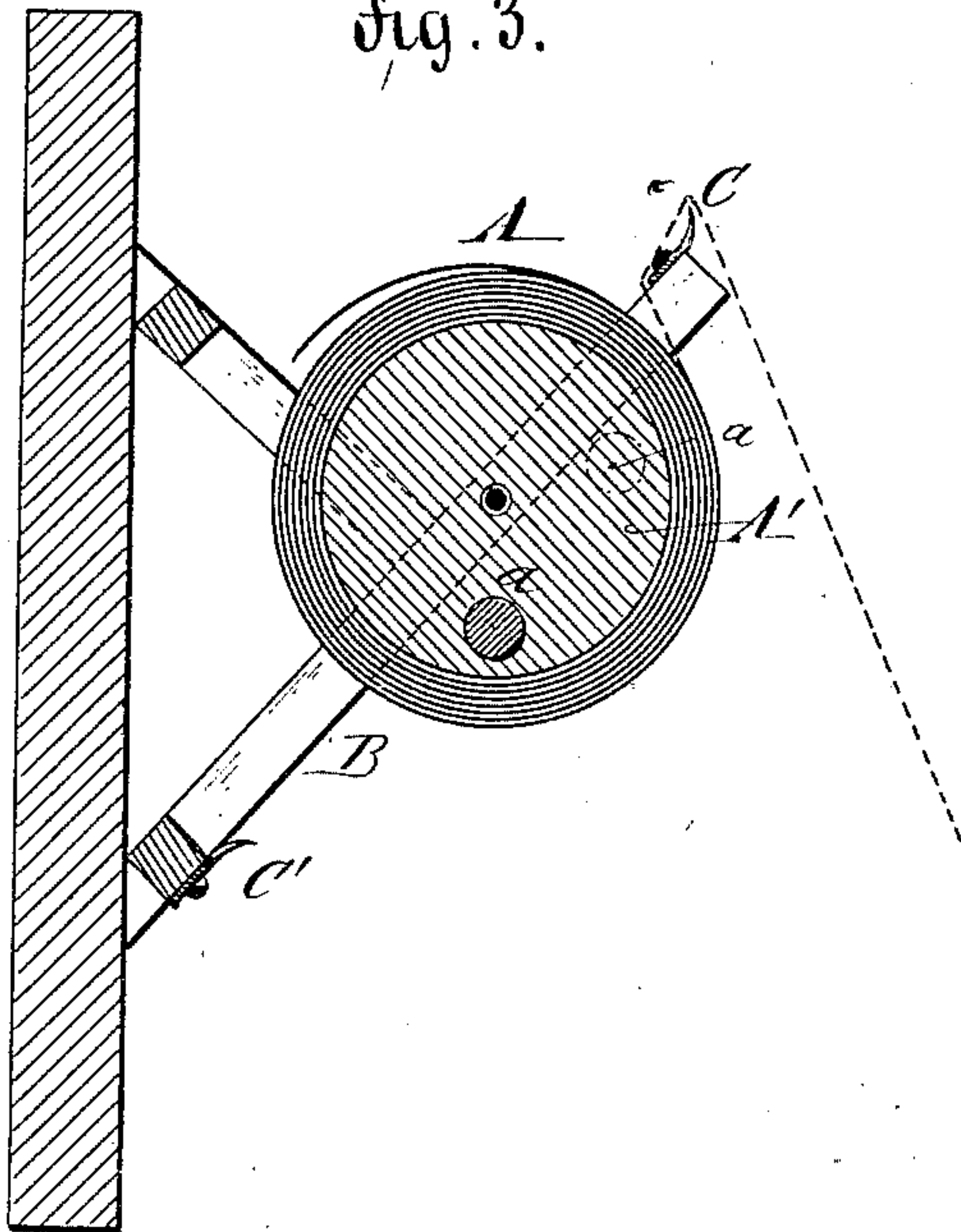


Fig. 3.



WITNESSES

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ROSS WHITE, OF BRATTLEBOROUGH, VERMONT.

PAPER-HOLDER.

SPECIFICATION forming part of Letters Patent No. 325,139, dated August 25, 1885.

Application filed June 24, 1885. (No model.)

To all whom it may concern:

Be it known that I, ROSS WHITE, of Brattleborough, in the county of Windham and State of Vermont, have invented certain new and useful Improvements in Paper-Holders,

This invention relates to a holder for toilet roll-paper by which pieces of uniform size can be conveniently cut off from the roll; and the invention consists of a roll of paper supported in bearings of a suitable supporting-frame, said frame being provided with serrated cutting-knives, one above the other below the roll, the core of the roll being provided with weighted stops in the ends that abut against the supporting-frame when the paper is cut off at the upper or lower knife.

In the accompanying drawings, Figure 1 represents a front elevation of my improved paper-holder. Fig. 2 is a side elevation; Fig. 3, a vertical transverse section of the same, the last two figures showing the paper, respectively, in position to be cut at the lower and upper knife.

Similar letters of reference indicate corresponding parts.

A, in the drawings, represents a roll of toilet-paper, which is wound up on a core, A', of wood or other suitable material. The core A' is supported in bearings of a supporting-frame, B, that is attached to the wall or other suitable point of support. The core A' is provided with laterally-projecting stops *a a* of lead or other heavy material, which stops abut against the frame B when the roll is turned by unwinding the paper. When the paper is released, the weighted stops *a a* turn the roll by gravity until they arrive in a position vertically below the bearings of the roll.

The frame B is provided above and below the roll with transverse serrated knives C C', that serve to cut off pieces of paper of uniform size from the roll alternately at the upper and lower knife. The upper serrated knife, C, is preferably located in front of the vertical axis of the roll, while the lower knife, C', is located back of the same, which has the advantage that after each cutting off a piece of paper the end of the roll is left on the turning of the same by the stops at such a distance from either knife that the paper can be conveniently taken hold of for

the next cutting off. By taking hold of the end of the paper and pulling it over the knife next adjoining it, the roll is turned on its axis until the stops *a a* abut against the frame B, a piece of paper of sufficient length is obtained, which is then cut off by the knife, as shown in Fig. 2. The roll is then turned again by the weighted stops *a a* as they return into a position below the axis of the roll, by which the free end of the roll is moved toward the upper knife, C, as shown in Fig. 3. The paper is then taken hold of and moved over the upper knife and cut off when the stops abut against the frame by the turning of the roll, owing to the strain exerted by the paper, as shown in dotted lines in Fig. 3.

By the intermittent turning of the roll, caused alternately by the strain on the paper and the weight of the stops, the paper is fed to the cutting-knives and cut off in pieces of uniform length. After cutting off a piece the end of the paper is at such a distance from the knives C C' that it can be readily taken hold of for cutting off a piece, whereby the cutting off of pieces of indeterminate lengths and waste of paper is prevented, and a convenient holder for toilet-paper is obtained.

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

1. The combination of a supporting-frame, a roll of paper supported in bearings of said frame and having a core provided with weighted laterally-projecting stops, and two serrated cutting-knives attached, respectively, above and below the roll, substantially as set forth.

2. The combination of a supporting-frame, a roll of paper turning in bearings of said frame and having a core provided with weighted laterally-projecting stops, and two serrated cutting-knives attached, respectively, to the frame in front of the vertical axis above the roll and back of said axis below the roll, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

ROSS WHITE.

Witnesses:

WM. O. CHAPIN,
J. A. TAYLOR.