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Patented July 23, 1901.

W. R. HANEY.
ROLL PAPER HOLDER AND CUTTER.

(Application filed Dec. 31, 1900.)

(No Model.)

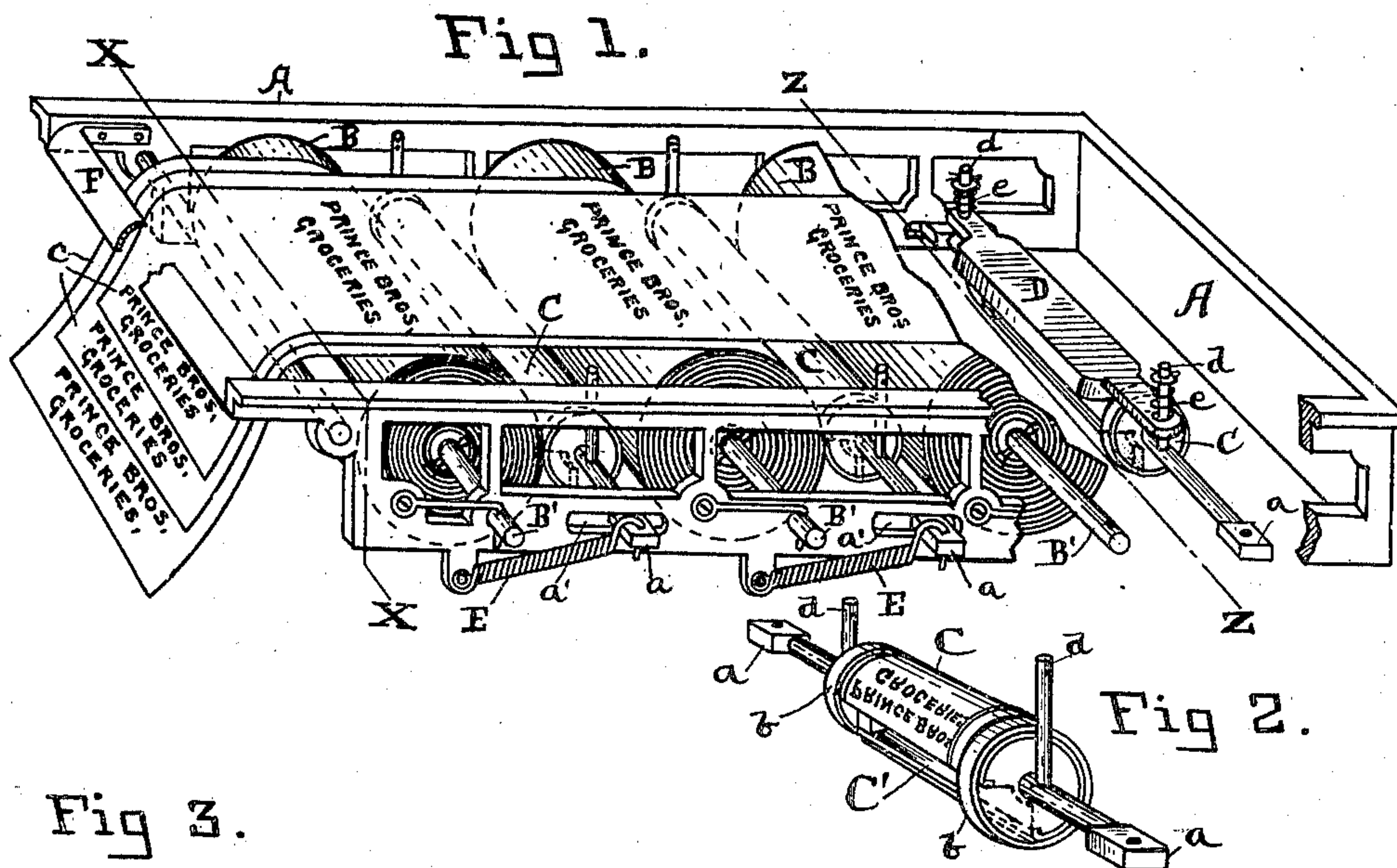


Fig 3.

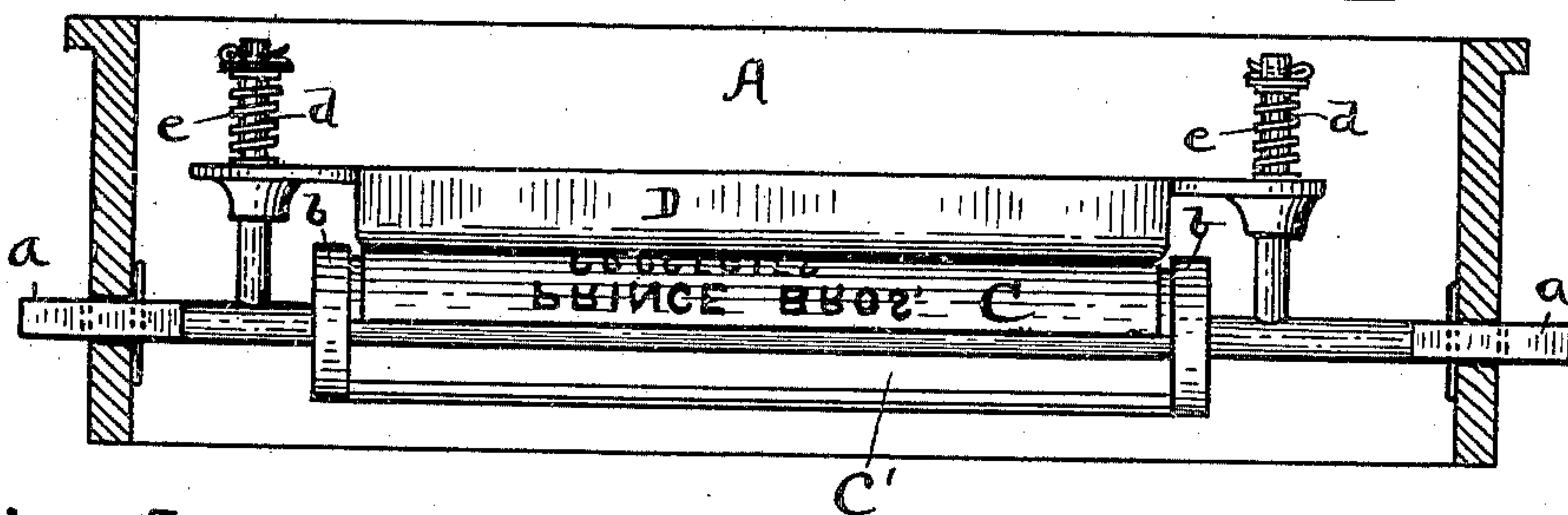
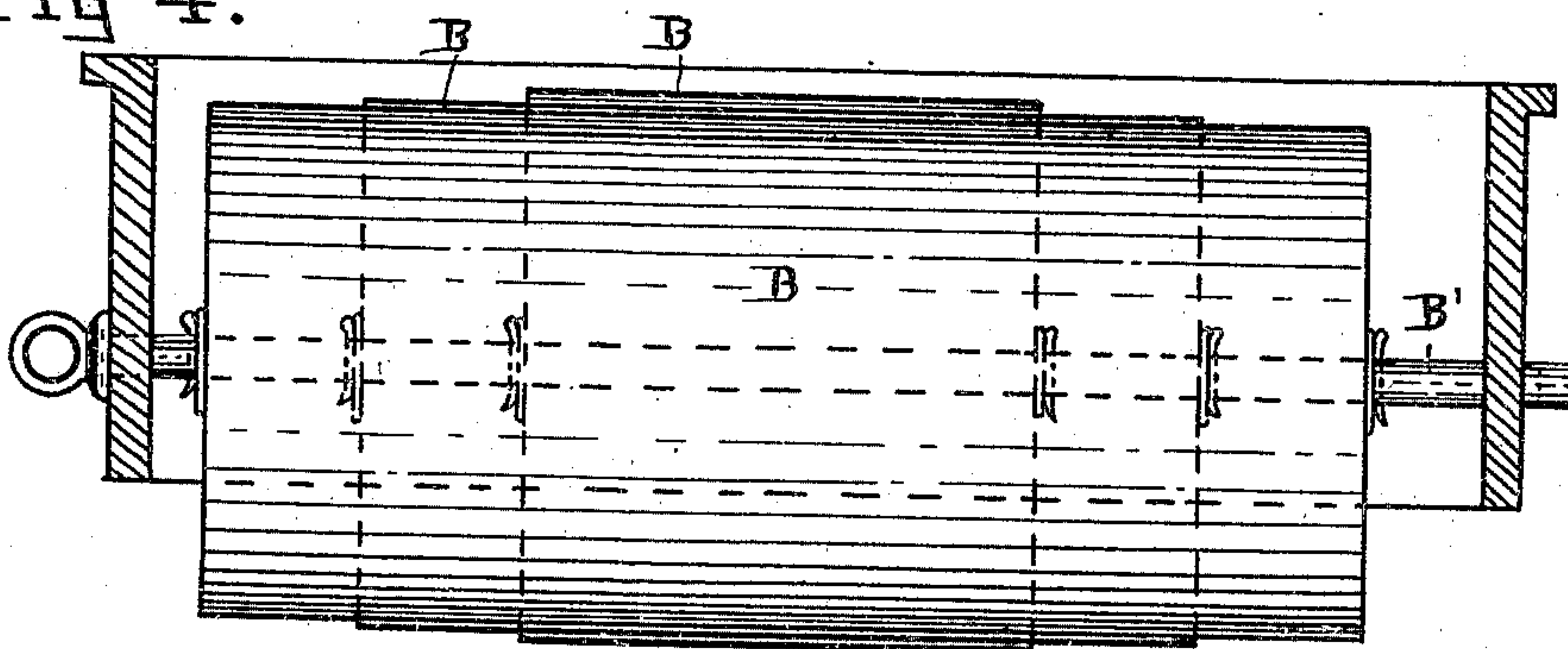


Fig 4.



Attest:

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UNITED STATES PATENT OFFICE.

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ROLL-PAPER HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 679,226, dated July 23, 1901.

Application filed December 31, 1900. Serial No. 41,563. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. HANEY, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Roll-Paper Holders and Cutters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in roll-paper holders and cutters, and comprises means for printing upon the paper as it is being unwound from the roll or rolls, as hereinafter described, and pointed out in the claim.

Preceding a detail description of my invention, reference is made to the accompanying drawings, of which—

Figure 1 is a perspective view of my invention with two of the inking-pads removed. Fig. 2 is a detail perspective view of one of the printing-cylinders. Fig. 3 is an enlarged section on the line Z Z of Fig. 1. Fig. 4 is an enlarged section on the line X X of Fig. 1.

A designates the supporting-frame, which may be located beneath the counter or at any other desirable place. B designates one or more rolls of paper the shafts B' of which are mounted in the sides of said frame. Adjacent to each of said rolls there is a printing-cylinder C, a portion of which is cut out, as at C', in order to limit the contact of the inking-pad D to the type-surface in the rotation of said type-cylinders. The shafts of said type-cylinders are flat at the ends α and are mounted in slots α' in the sides of the frame in order that they may yield to the springs E, which are secured to said ends α on each side of the frame. These coil-springs normally press the type-cylinders C against their respective rolls B as the paper is unwound from said rolls. Movement is imparted to the type-cylinders by the movement of the rolls B. The ends of each of said cylinders are provided with a rubber band or other rough engaging surface b , which is always

in contact with the rolls of paper, owing to the springs E, and as the paper is drawn from each roll by taking hold of the ends c the type-cylinders are rotated and caused to print any desirable advertisement on the paper that is being unwound.

Each of the type-cylinders C has an inking-pad D, placed in suitable proximity thereto on two upright pins d , projected from the shafts of the type-cylinders. These pins d are inclosed above the ends of the inking-pad by coil-springs e , which exert a constant pressure upon the inking-pad to insure its proper contact with the type-surface of the cylinders C. A rotation of each of the rolls B, as before stated, will cause the rotation of its respective type-cylinder, and in this rotation of said type-cylinder the type-surface thereon will come in contact with its inking-pad D prior to the contact of said type-surface with the rolls of paper. A very neat impression is thereby obtained from each of the type-cylinders upon each unwinding of paper. These printing-cylinders may be arranged to print any desirable matter and may be varied in their size.

As shown in the drawings, the frame has a capacity for three rolls of paper of varying sizes. The operation of unwinding each respective roll is not interfered with by the adjacent roll or its printing mechanism. As each sheet is unwound from its respective roll the type-cylinders are kept in suitable contact with the surface of said roll by the coil-springs E.

In Fig. 1 I have purposely omitted from two of the rolls B and their respective type-cylinders the inking-pads D. This omission is due to a desire to clearly illustrate the invention. It will be understood that the inking-pads omitted from the two type-cylinders will occupy a similar position to the inking-pad shown in said Fig. 1.

F designates a cutting-bar on the front of the frame, against which each sheet of paper is drawn and severed after a suitable length is obtained.

Having fully described my invention, I claim—

In a roll-paper apparatus, the combination with a horizontal frame, of a plurality of

rolls of paper of varying lengths mounted therein, a type-cylinder arranged between each two of such rolls of paper, each of such type-cylinders acting upon the forward roll,
5 pins projecting from the shafts of such type-cylinders, an inking-pad mounted above each of such type-cylinders on said pins, and means for maintaining said inking-pads in

normal contact with the type-cylinders, substantially as shown and described. 10

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM R. HANEY.

Witnesses:

R. J. McCARTY,
LINDLEY G. LONG.