

(No Model.)

G. L. KENNEDY.

PRINTING HOLDER FOR ROLL WRAPPING PAPER.

No. 410,595.

Patented Sept. 10, 1889.

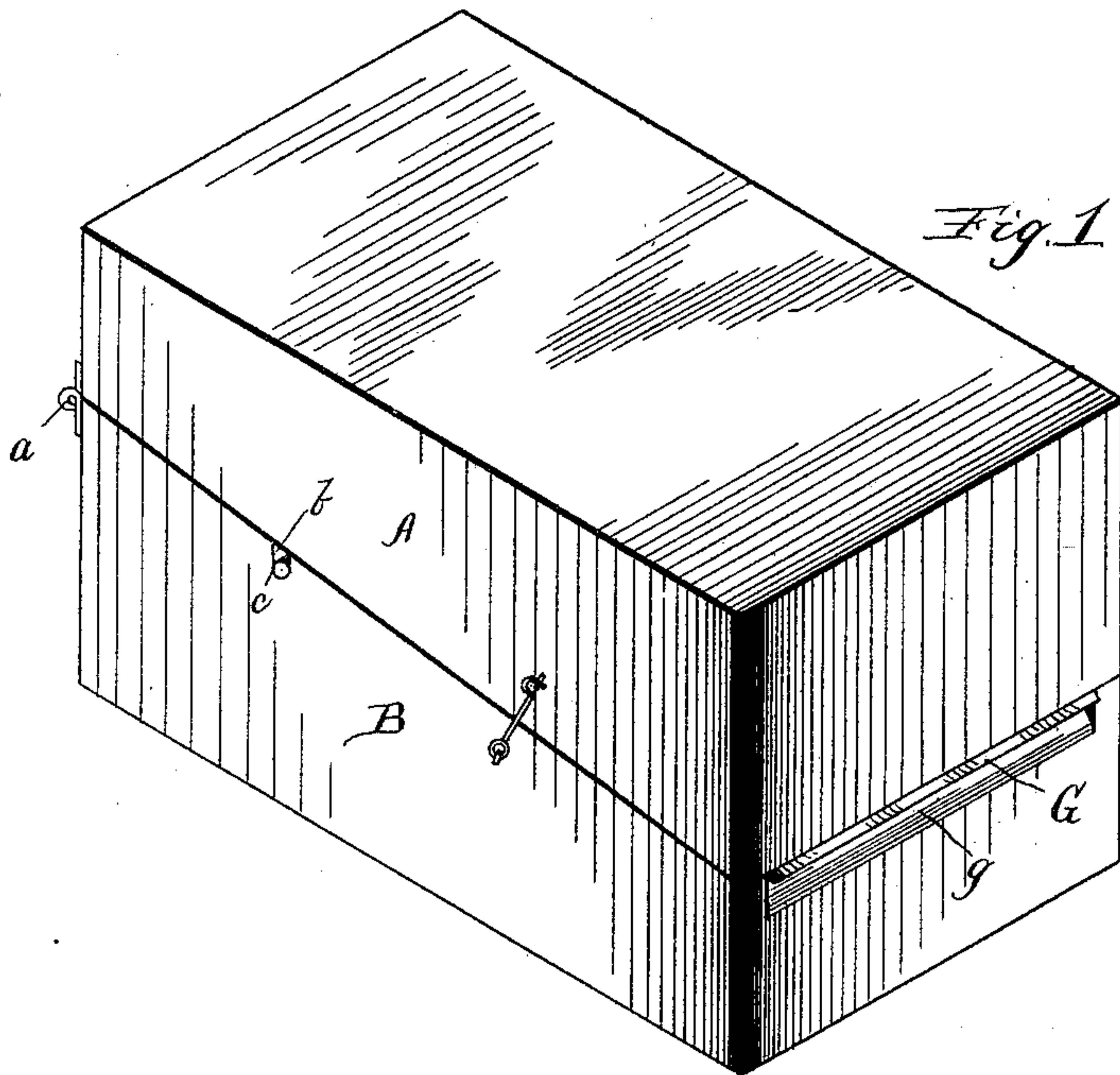


Fig. 2

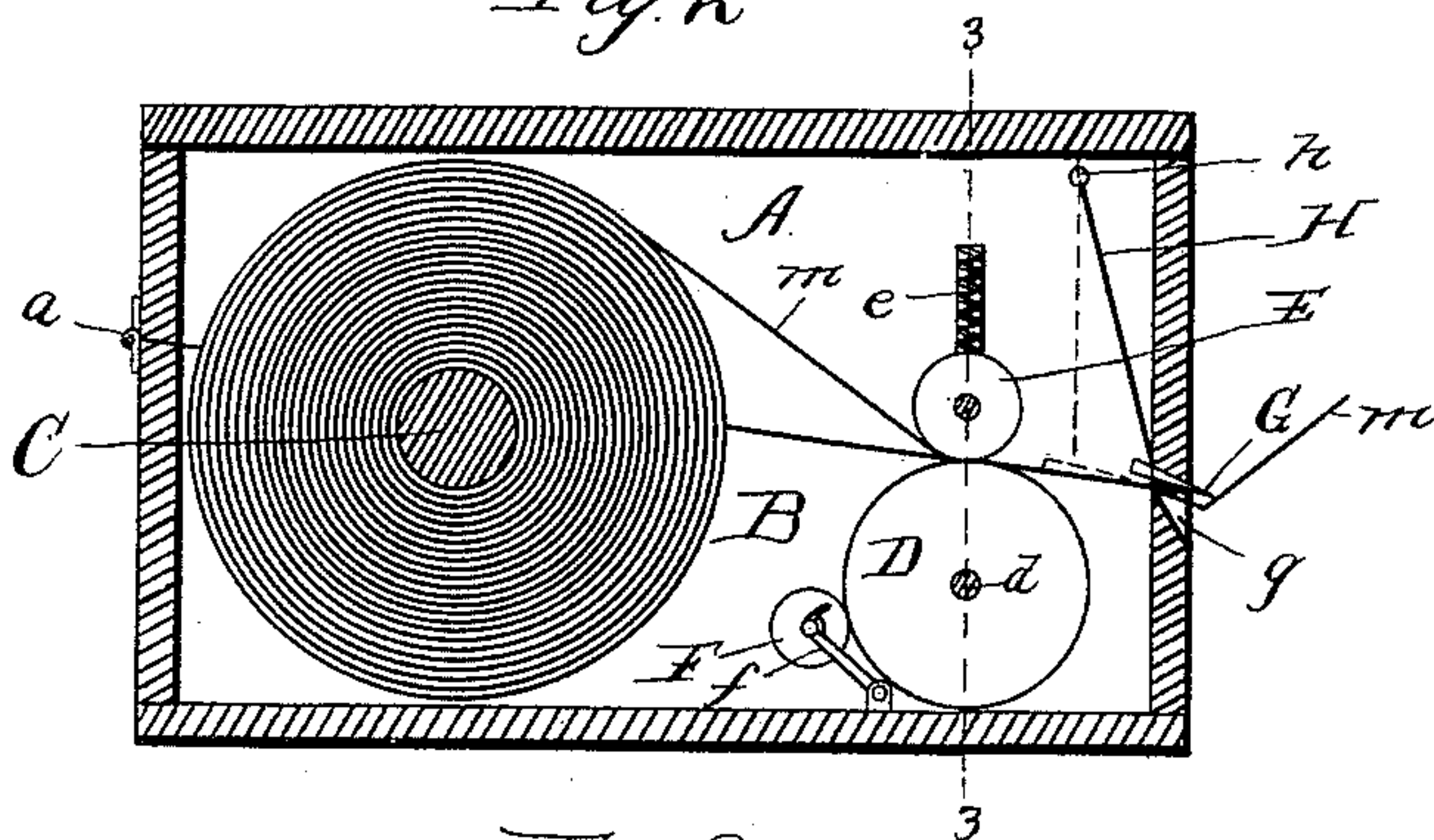
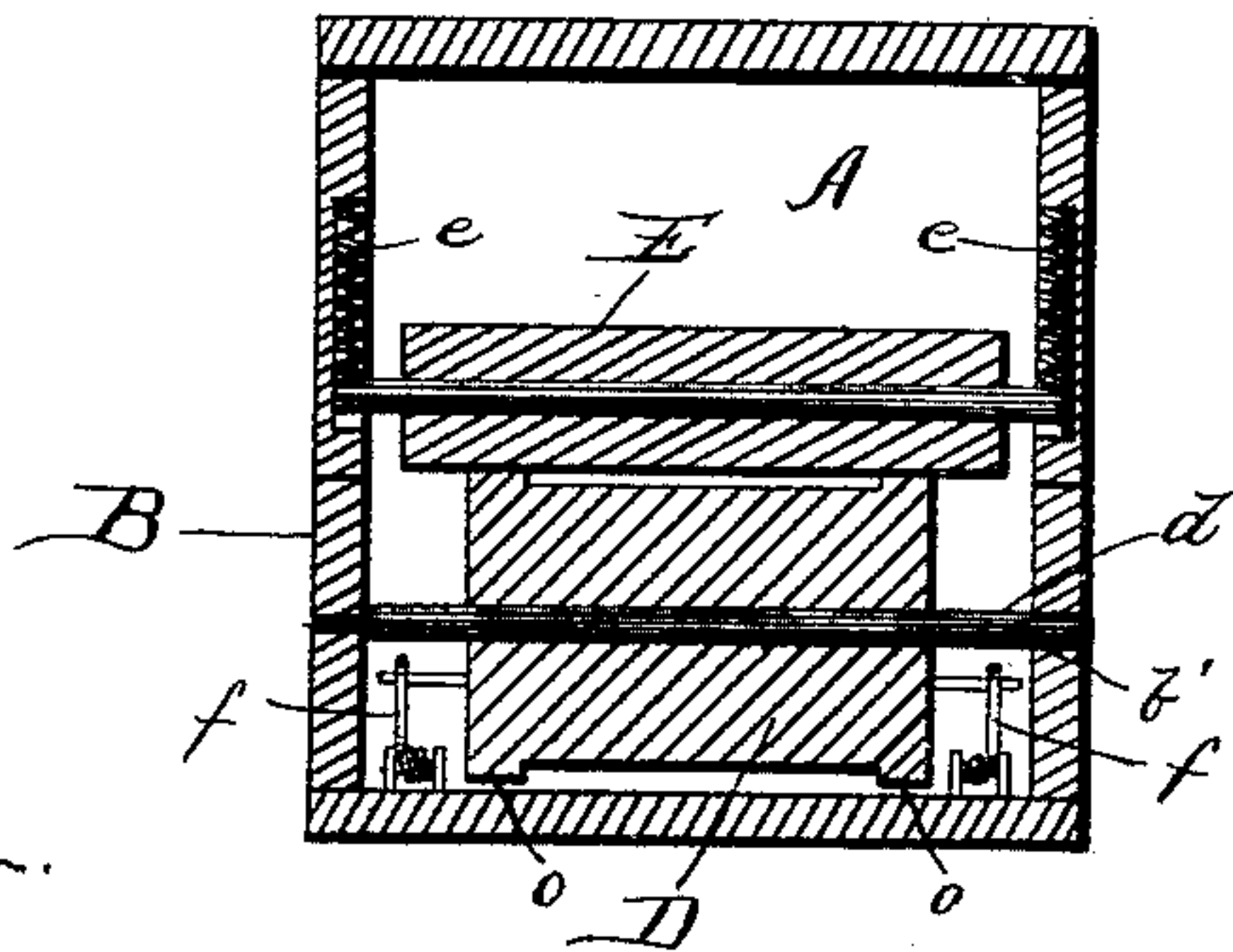


Fig. 3.



Witnesses:  
Mark A. Clapham.  
H. W. Munday

Inventor:  
Guy L. Kennedy.  
By Munday, Evans & Aldrich  
his Attorneys:



# UNITED STATES PATENT OFFICE.

GUY L. KENNEDY, OF CHICAGO, ILLINOIS, ASSIGNOR, BY MESNE ASSIGNMENTS,  
TO THE MERCHANTS ROLL PAPER SUPPLY COMPANY, OF SAME PLACE.

## PRINTING-HOLDER FOR ROLL WRAPPING-PAPER.

SPECIFICATION forming part of Letters Patent No. 410,595, dated September 10, 1889.

Application filed May 3, 1889. Serial No. 309,445. (No model.)

*To all whom it may concern:*

Be it known that I, GUY L. KENNEDY, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Printing-Holders for Roll Wrapping-Paper, of which the following is a specification.

My object in this invention is to produce an exceedingly simple, cheap, and durable form of holder, wherein the paper may be printed with the advertisement of the storekeeper as it is drawn from the roll by a printing-cylinder actuated by the act of drawing it from the roll, thereby dispensing with any special actuating devices for such printing-cylinder.

The invention consists in the novel construction of the machine by which the operation of printing the paper is rendered wholly automatic and the mechanism employed is reduced to a very simple form, and will be understood from the subjoined description and the accompanying drawings, in which—

Figure 1 is a perspective of the case in which the printing-holder may be placed. Fig. 2 is a longitudinal vertical section, and Fig. 3 is a vertical section on line 3 3 of Fig. 2.

I prefer to place my invention, at least for some uses, in a suitable protecting case or box, and to make such box in upper and lower sections A B, hinged together at *a*, with part of the devices in one section and part in the other. The journals *c* of the cylinder C, upon which the roll of wrapping-paper is mounted, are inserted at either end in slots *b* in the upper edges of the lower half B of the box. The web of paper *m* is drawn from the roll over the printing-roller D, such roller carrying a rubber or other type plate for printing the matter desired upon the paper as it is drawn out. This type-cylinder is mounted upon a shaft *d*, which may be removably held in bearings in the sides of the box B, a pin *b'* serving to hold it in position.

In order that the paper may with certainty rotate the type-cylinder as it passes over the surface of the same, and to insure such contact by the paper with the cylinder as will cause the making of good impressions, I employ a roller E immediately adjacent to the

type-cylinder, and provide it with springs *e*, inserted in the sides of the box portion A, said springs acting upon the journals of said roller at either end to force the roller against the type-cylinder and into close contact with the annular ridges *o* of the latter. The pressure of this roller being constant keeps the paper in contact with the printing-cylinder, and insures such friction between the paper and cylinder as to cause rotation by the latter each time the latter is moved for the purpose of drawing out a portion of its length.

An inking-roller F rotates in contact with the type-cylinder, and is held up against the same by the spring-arms *f*.

From the printing-cylinder the paper passes out of the box at the slit *g*, which may be located at the line of division between the two parts of the box, and immediately above this slit is the blade G, along which the web of paper may be severed in the usual manner.

By locating the roller E (or the type-cylinders as the positions of the roller and cylinder may be reversed) and the knife in the upper half of the box and journaling the roll of paper in open slots at the upper edge of the lower half of the box it becomes a very easy matter to insert a new roll of paper, as the printing and pressure rolls are separated by the act of opening the box, and the exit slit is also uncovered by the same act.

The knife G may be of any ordinary form used in these paper-holders; but I prefer to suspend it from the top of box-section A by wires H, swinging in eyes *h*, secured in the cover or lid of the box. The knife is so located relative to the path of the paper that the paper when pulled out will touch it and swing it outward into the proper position for cutting, and also allow it to swing backward as soon as the severing is effected and the tension on the paper is released. In this manner the end of the web of paper is left projecting some distance in advance of the normal position of the knife, all danger of contact with the knife by the fingers is avoided when the paper is taken hold of to draw out a fresh section, and the grasping of the paper is facilitated. In the form of holder shown the knife



is by this swinging movement made to project through the slit *g* (see Fig. 2) when the paper is to be cut, and it then returns to its normal position. (Indicated by dotted lines.)

5 Of course it will be understood that the sides of the box serve as supports for the various rotating parts and the knife of the holder, and that where it is not desired to inclose the apparatus the ordinary metal side  
10 standards may be employed as supports.

I claim—

1. The printing-paper holder consisting of a roll-paper cylinder, a type-cylinder, a pressure-roller, a knife, and an inclosing-box made  
15 in two parts, the type-cylinder being in one part of the box and the pressure-roller in the other, substantially as set forth.

2. The printing-paper holder consisting of a roll-paper cylinder, a type-cylinder, a pressure-roller, a knife, and an inclosing-box made  
20 in two parts, the roll and type cylinders being in the lower half and the pressure-roller

and knife in the upper half, substantially as set forth.

3. The paper-roll holder inclosed in a protecting-box and provided with knife swinging in said box and through a slit therein, substantially as set forth. 25

4. In a paper-roll holder and cutter, a knife suspended by swinging vertical supports and movable into operating position by the friction of the paper in its passage, substantially as set forth. 30

5. In a paper-roll holder and cutter, a knife suspended upon vertical swinging supports movable by and with the paper into cutting position, and retreating to a position back of said cutting position after the paper is severed, substantially as set forth. 35

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Witnesses:

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