

(No Model.)

S. G. ADAMS & J. B. SEYMOUR, Jr.

PRINTING DEVICE.

No. 379,884.

Patented Mar. 20, 1888.

Fig. 1.

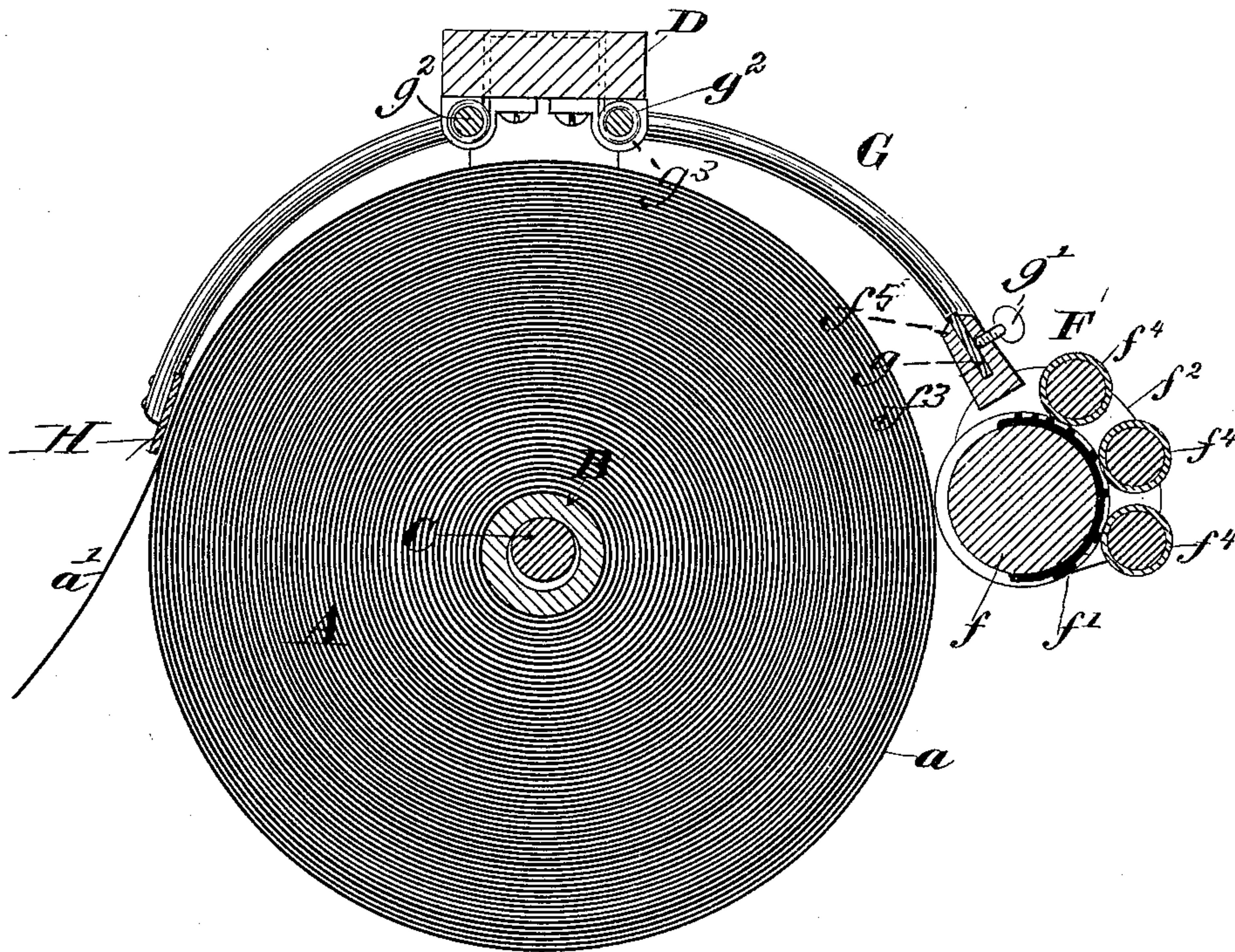
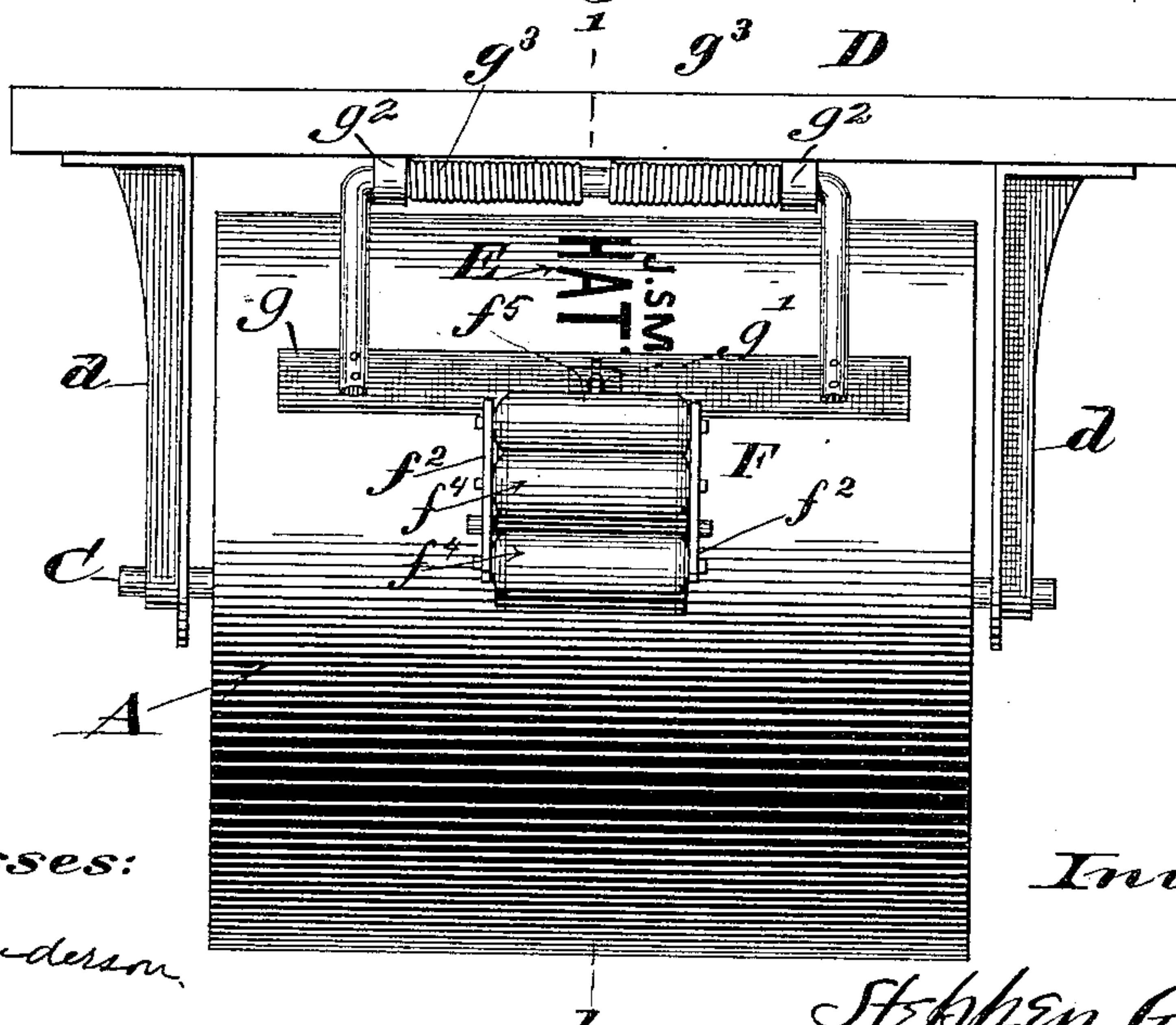


Fig. 2.



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UNITED STATES PATENT OFFICE.

STEPHEN G. ADAMS AND JOHN B. SEYMOUR, JR., OF ST. LOUIS, MISSOURI,
ASSIGNORS OF ONE-THIRD TO CHARLES L. LEONORI, OF SAME PLACE.

PRINTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 379,884, dated March 20, 1888.

Application filed June 25, 1887. Serial No. 242,462. (No model.)

To all whom it may concern:

Be it known that we, STEPHEN G. ADAMS and JOHN B. SEYMOUR, Jr., of St. Louis, Missouri, have jointly made a new and useful Improvement in Printing Devices, of which the following is a full, clear, and exact description.

The improvement consists in the construction and combination of the several parts, as will be fully described and claimed, and as shown in the annexed drawings, making part of this specification, in which—

Figure 1 is a section on the line 1 1 of Fig. 2, which is a rear elevation showing the roll of paper and the printing device in position for use.

The same letters of reference denote the same parts.

The roll A is hung so that it can be unwound, to which end the roll is wound upon the roller B, which turns upon the shaft C, in turn held in the arms *d d* of the bracket D.

The device for printing the impressions E, Fig. 2, is shown at F. A roller, *f*, bearing the form *f'* being printed, is journaled in the end plates, *f² f²*, Figs. 1, 2. The end plates are united by means of the bar *f³*, Fig. 2. One or more inking-rolls, *f⁴*, are journaled in the end plates, so as to apply ink to the form *f'* as the roller *f* is rotated. The roller *f* is held to cause the form *f'* to bear upon the web *a* as the roll is unwound, and thereby produce an impression E upon the web. The most desirable means therefor is the arm G, to whose bar *g* the device F is attached, the bar *f³* of the device, by means of the projection *f⁵* and the set-screw *g'*, being adapted to be slipped upon the bar *g* and secured thereto.

The device can be adjusted laterally upon the bar *g* to enable the impression to be made at the center or toward either side of the web *a*. The arm G is journaled at *g²* in the bracket D, to enable the roller *f* to be moved toward

the roll A as it diminishes in diameter, and the springs *g³* act to thus move it. The arm G, or whatever means are used to thus hold the roller *f* against the web, can, however, be supported from any other suitable support as well as from the bracket D. Any suitable means, also, can be employed to ink the form *f'*.

To operate the improvement, the end *a'* of the web is drawn out and the roll A thereby unwound. By reason of the form *f'* bearing upon the web the roller *f* is rotated, and with every rotation of the roller the form *f'* comes in contact with the web and an impression is produced. It will be seen that the roll A not only supplies the surface to be printed, but also serves as an impression-cylinder.

The improvement is well adapted to the printing of advertisements upon wrapping-paper, for the same act which unwinds the web produces the impression, and without letting go of the end of the web a desired length of paper can be cut off by means of the knife H.

We claim—

1. The combination of the bracket D, the arm G, and spring *g³*, actuating said arm, with the bar *g*, secured to said arm, and type-printing device F, laterally adjustable on said bar, substantially as described.

2. The combination of the shaft C and roller B thereon, the bracket D, and arms *d*, in which said shaft is journaled, with the spring-actuated arm G, journaled at *g²* in the said bracket, and the printing device F, adjustably secured to said arm by projection *f⁵* and set-screw *g'*, substantially as described.

Witness our hands.

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Witnesses:

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