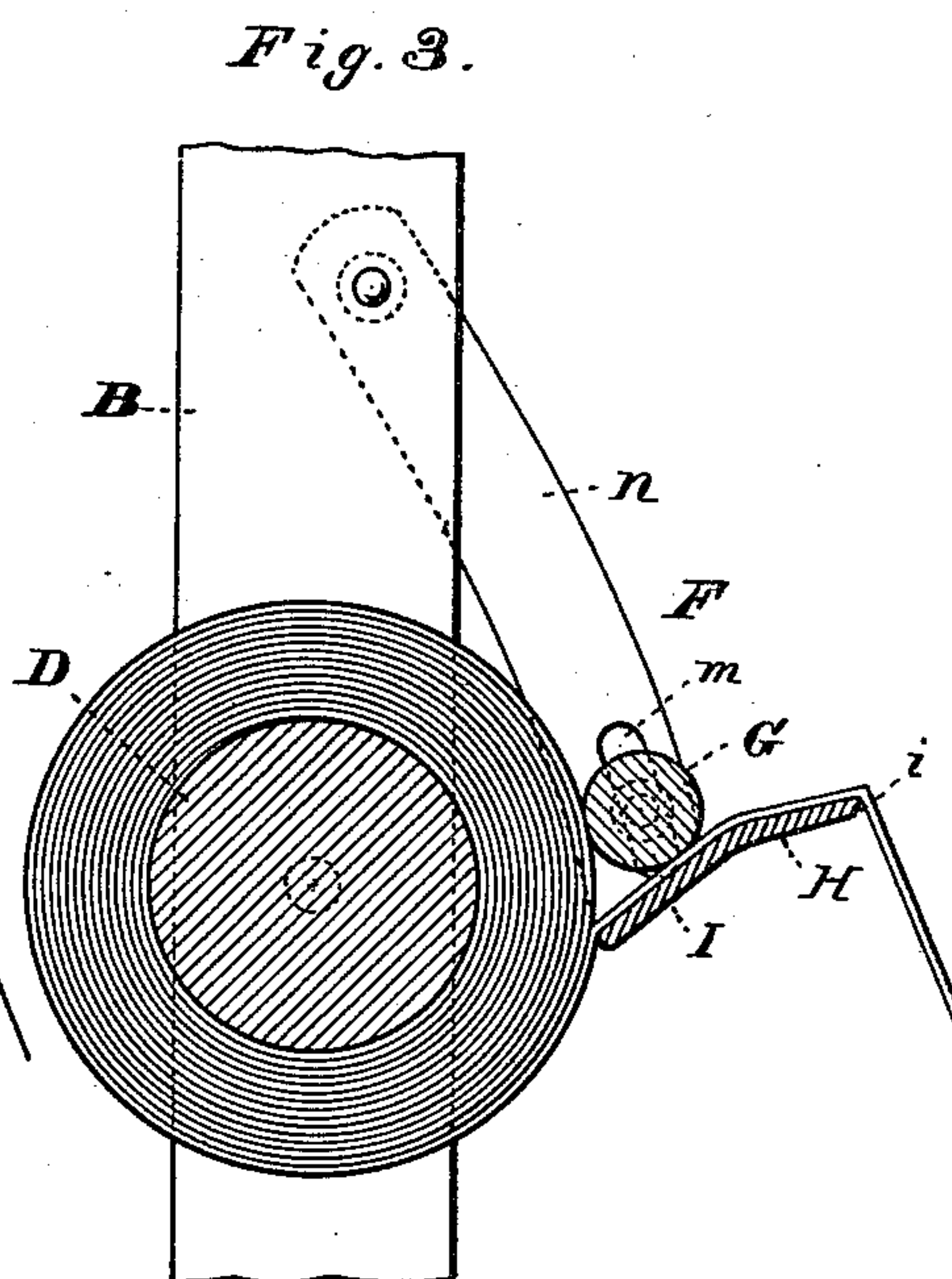
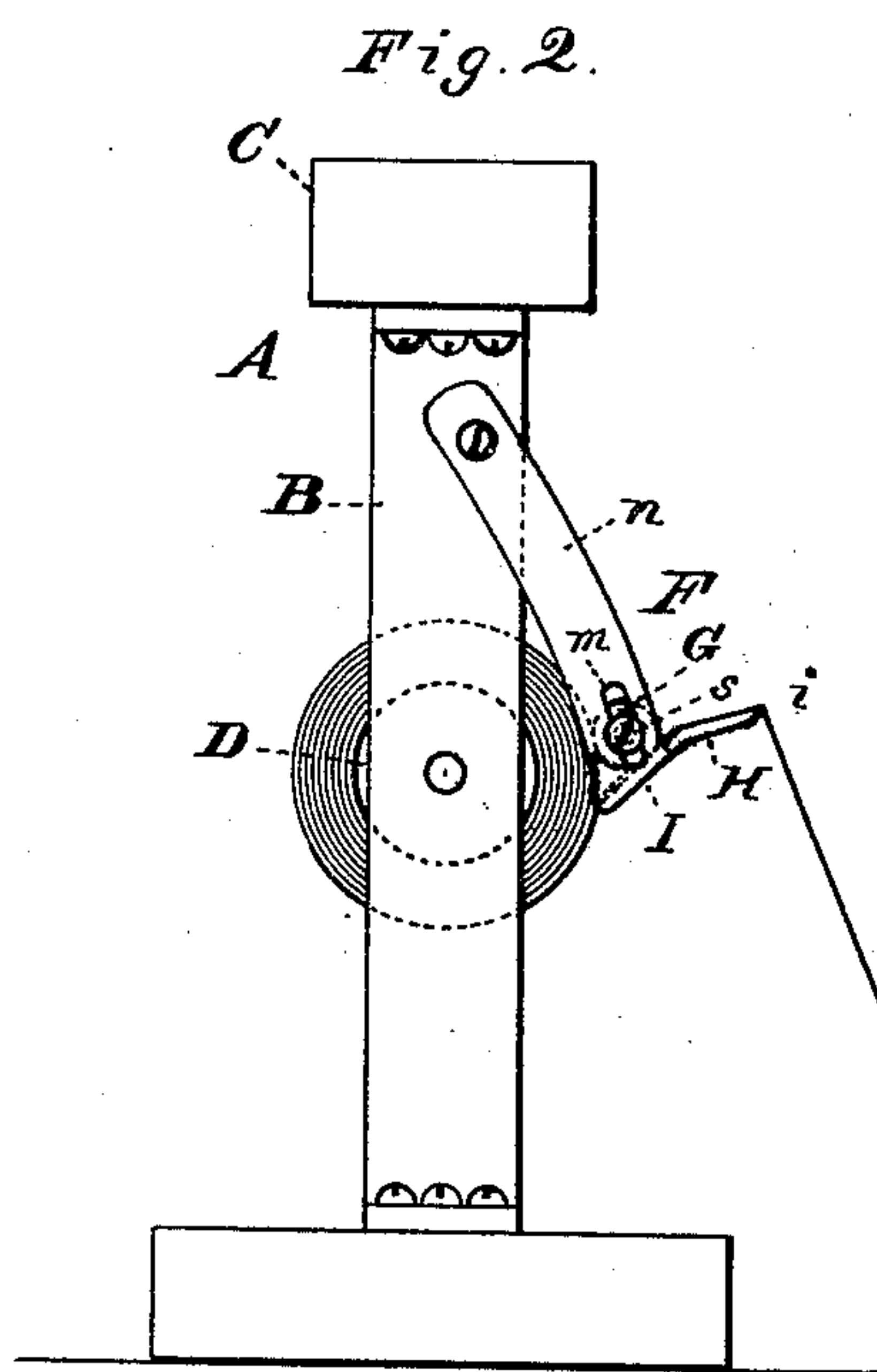
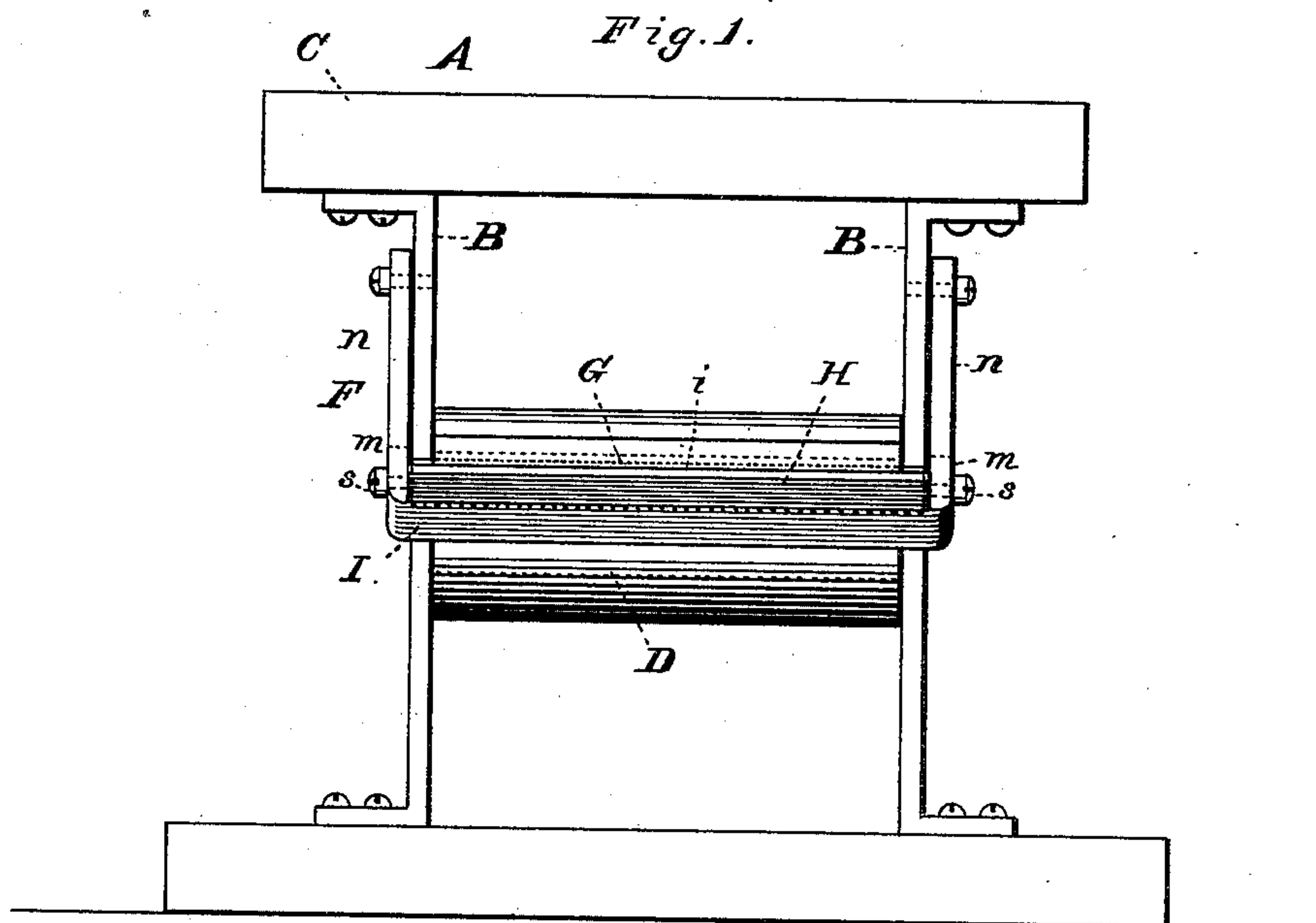


(No Model.)

W. T. GELTZ.  
ROLL PAPER HOLDER AND CUTTER.

No. 429,029.

Patented May 27, 1890.



WITNESSES

*Villette Anderson,*  
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Attorney

# UNITED STATES PATENT OFFICE.

WILLIAM T. GELTZ, OF MANSFIELD, OHIO.

## ROLL-PAPER HOLDER AND CUTTER.

SPECIFICATION forming part of Letters Patent No. 429,029, dated May 27, 1890.

Application filed June 29, 1889. Serial No. 306,070. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM T. GELTZ, a citizen of the United States, and a resident of Mansfield, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Roll-Paper Stands 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 letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a front view. Fig. 2 is a side view. Fig. 3 is a vertical section through a portion of the invention.

This invention relates to combined bracket-stands and cutters for rolls of paper; and it consists in the novel construction and combination of parts, as hereinafter described, and pointed out in the claims.

In the accompanying drawings, the letter A designates a stand or bracket secured to a shop-counter or other suitable support; and it consists of opposite vertical uprights B B, attached to a base portion below and to a brace C above.

D is a horizontal roller upon which is wound wrapping or other paper, and it revolves in suitable bearing between the uprights B, to pay out the paper when needed.

A knife and roller frame F, extending to about the middle of the roll of paper, is suspended from the uprights B, and consists of the horizontal knife-flange H, projecting from the inclined transverse bar portion I and the oblique arms *n*. The latter are pivoted loosely at their upper ends to the uprights B below the top cross-brace C. A tangential slot *m* is provided at the lower end of each arm *n* back of the knife-flange, and these slots form loose bearings for the journal-screws *s* of a metallic pressure-roller G, which bears in the bend of the paper passing from the roll over the inclined bar portion I. The roller G, which has a tangential motion in the slots *m* of the arms, is parallel to the paper-roll and the knife H, and is situated immediately in the rear of the latter and next to the paper, the roller being thus seated in the V-form interval between the paper-roll and the inclined bar I, as shown. The outer edge of

the knife-flange is beveled to form a cutting-edge *i* for the paper of the roll.

When the paper is to be cut, it is drawn between the roller G over the upper surface of the knife-flange until the desired length is obtained, when the corner of the paper is seized between the fingers, and by a lateral downward twist torn across the edge *i* of the knife. While pressing the paper against the edge of the knife in the act of cutting, the rear of the knife-bar I is pressed against the roll and acts as a brake to hold the same until released by the severance of the portion removed. The weight of the metallic roller G has the effect of holding the paper smoothly against the knife and prevents it from folding up or lapping upon the upper surface of the same. After each cut of paper is made from the roll there remains a projection of paper upon the face of the knife to be grasped in cutting off the next portion.

The knife and roller frame, being loosely pivoted to the stand A, may be turned up out of the way when the paper of the roll is to be renewed.

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

1. In an upright-bracket paper-cutter, the oblique knife and roller frame consisting of the tangentially-slotted arms connected by the inclined bar I, and having the knife projecting outward from said bar, in combination with the roller G, seated upon the inclined bar I, and having its journals in the tangential slots of said arms, substantially as specified.

2. In an upright-bracket paper-cutter, the combination, with a roll of paper pivoted thereon and a metallic bearing-roller located on the bend of the paper, of the oblique knife-frame pivoted to the bracket-standards and having the slotted side arms for the roller-journals, and the bar I, inclined upward and outward from the paper-roll to provide a V-form interval next the paper-roll for said roller, substantially as specified.

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

WILLIAM T. GELTZ.

Witnesses:

JESSE E. LADOW,  
S. LOWENSTEIN.