

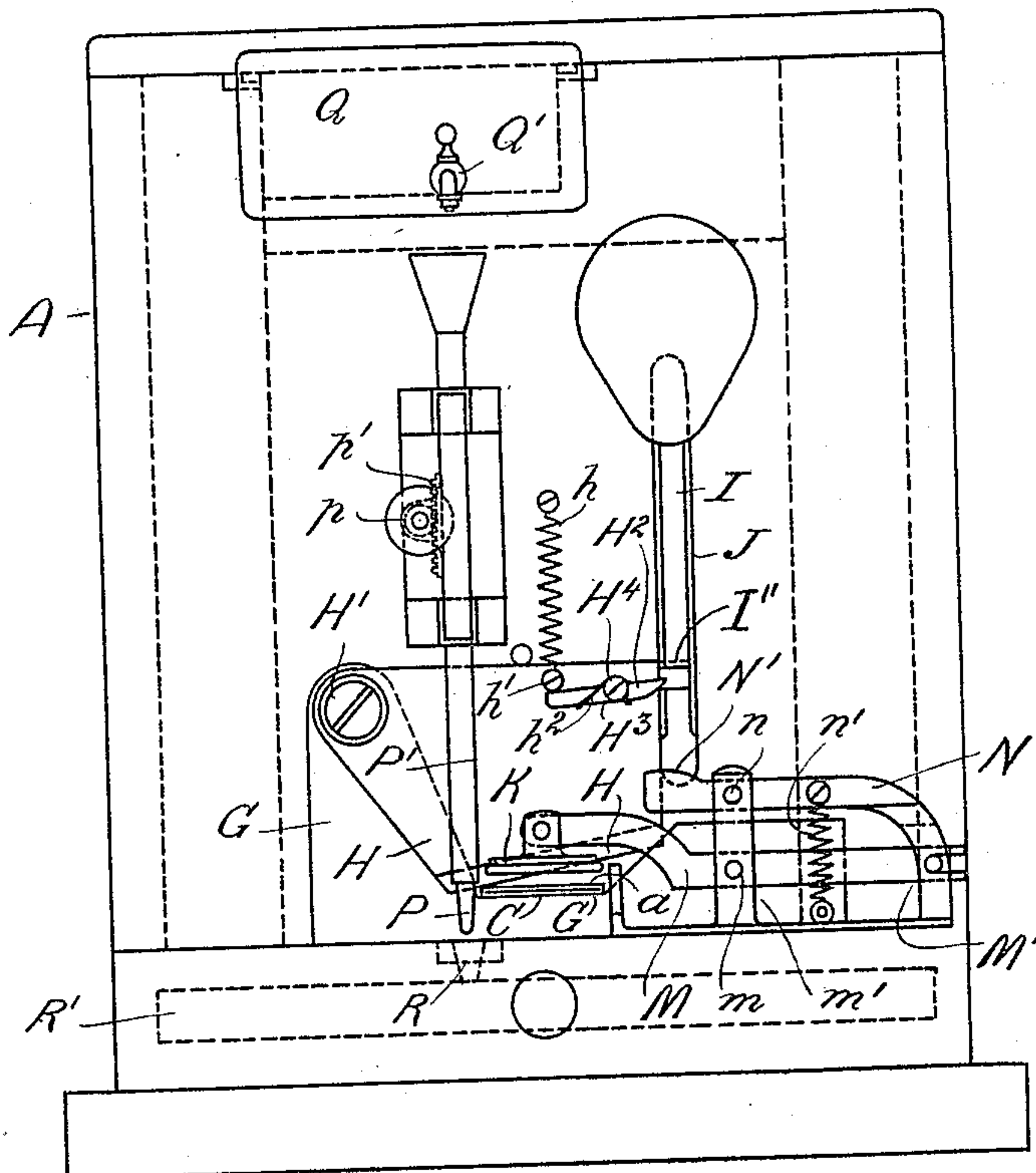
C. I. MICHAELSON.
 APPARATUS FOR SEVERING AND APPLYING STAMPS.
 APPLICATION FILED JULY 9, 1910.

994,085.

Patented May 30, 1911.

3 SHEETS—SHEET 1.

Fig. 1.



WITNESSES:

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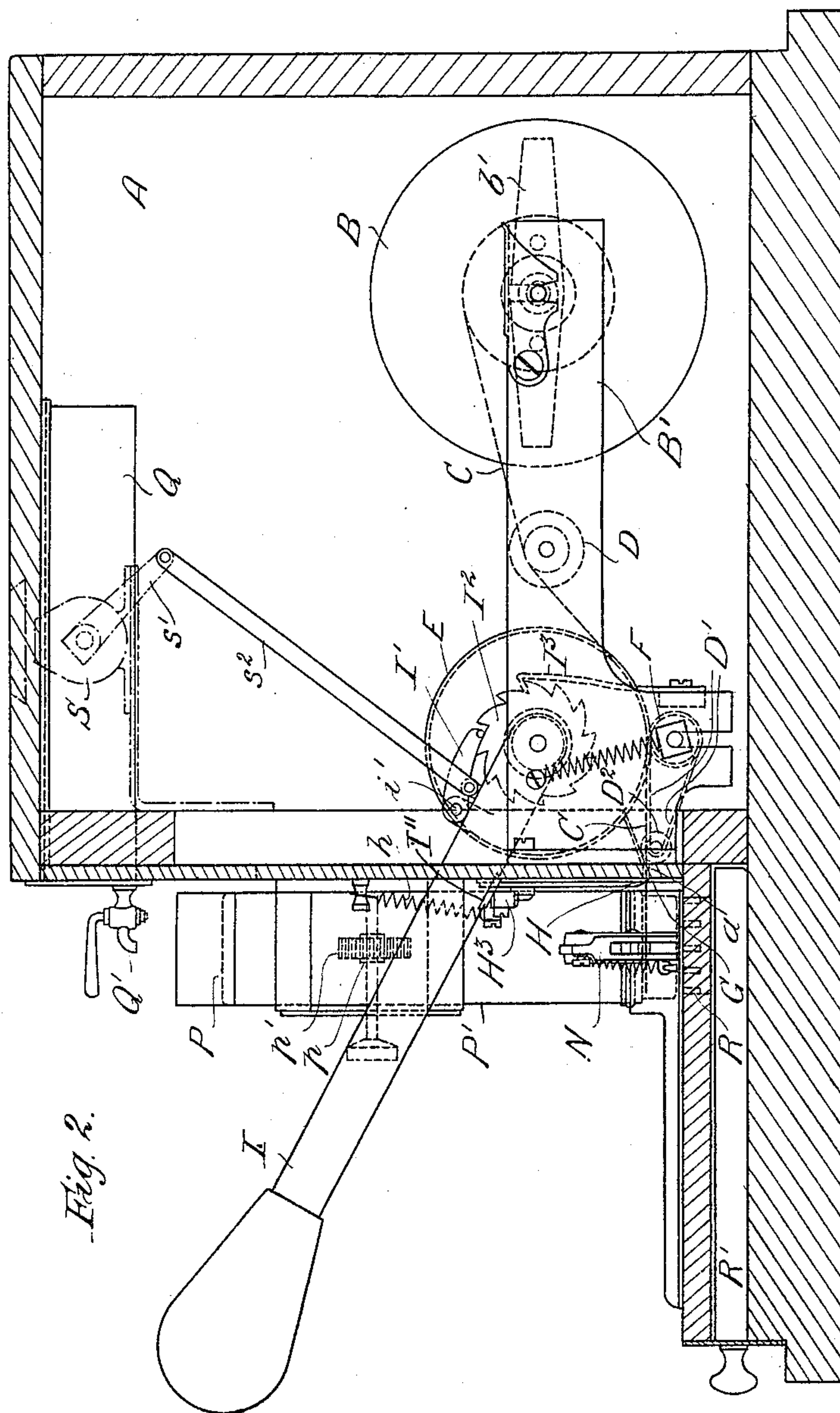


Fig. 2.

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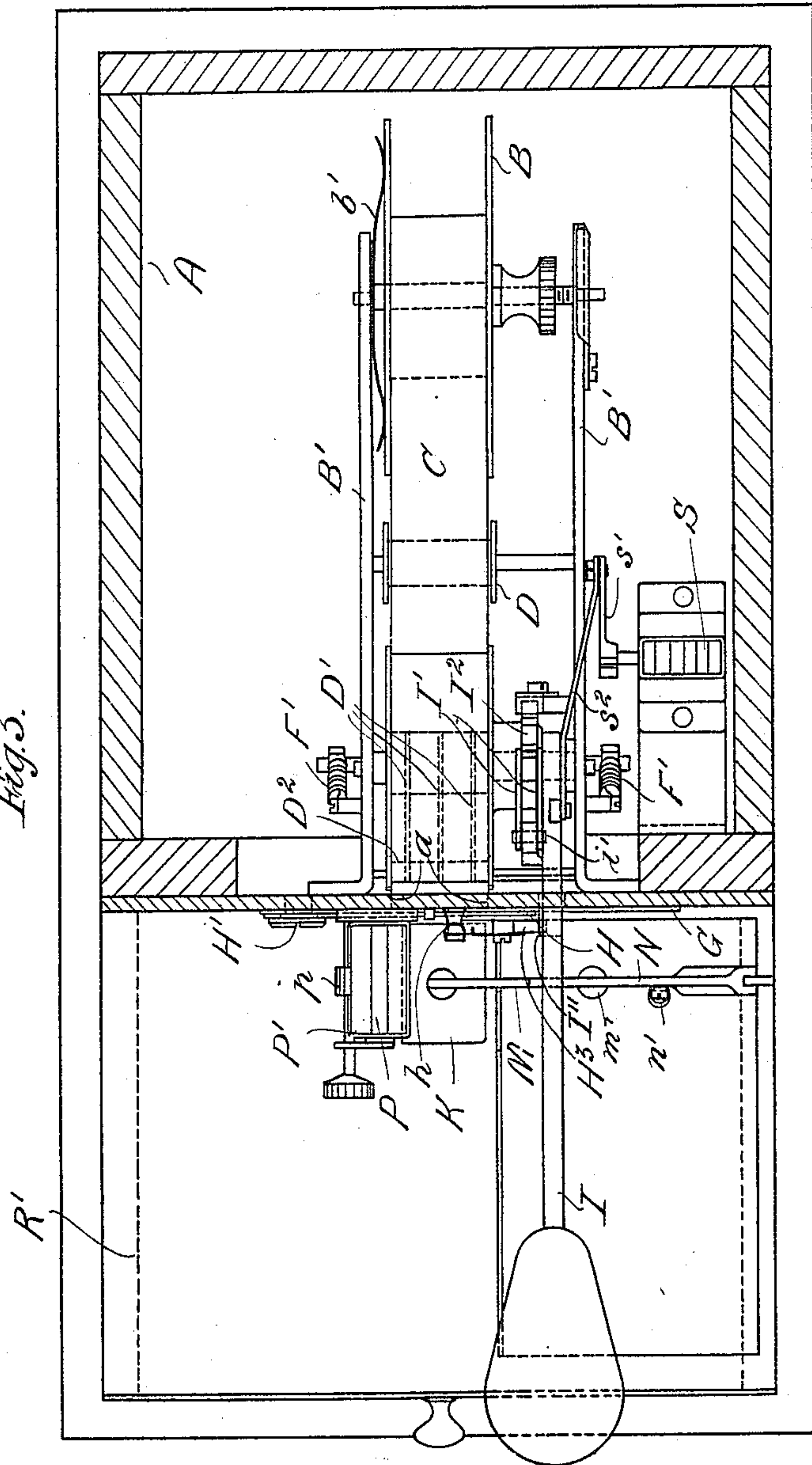
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3 SHEETS—SHEET 3.

Fig. 5.



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UNITED STATES PATENT OFFICE.

CLAUDE ISAAC MICHAELSON, OF EDINBURGH, SCOTLAND.

APPARATUS FOR SEVERING AND APPLYING STAMPS.

994,085.

Specification of Letters Patent.

Patented May 30, 1911.

Application filed July 9, 1910. Serial No. 571,221.

To all whom it may concern:

Be it known that I, CLAUDE ISAAC MICHAELSON, a subject of the King of the United Kingdom of Great Britain and Ireland, and residing at Edinburgh, Scotland, have invented a certain new and useful Improvement in Apparatus for Severing and Applying Stamps, of which the following is a specification.

10 This invention relates to improvements in apparatus for severing postage stamps or the like and applying them to envelopes, circulars and the like.

15 In the accompanying drawings Figure 1 is a front elevation, Fig. 2 is a sectional side elevation and Fig. 3 is a sectional plan showing the improved apparatus.

Referring to the drawings, the apparatus comprises a casing A of suitable material 20 containing a spool B mounted on bearings in a frame B¹ and carrying a rolled strip of stamps C, one end of the strip being arranged to pass over a guide roll D and between upper and lower feed rollers E and F 25 which are mounted on the frame B¹ and are operated through the intermediary of a hand lever I freely mounted relatively to the roller E. The strip is then passed through a slot *a* in the front of the casing 30 A to the extent of one stamp length at a time, through the intermediary of an endless band or bands D¹ passing around the roller F and a roller D², the stamp being severed thereafter at its perforated edge by 35 means of a stationary cutting blade G and by means of a movable cutting blade H actuated through the intermediary of the hand lever I which passes through a slot J in the casing and also serves to operate the 40 stamp applying device K. The lever I is connected to the upper roller E so that in its upward movement said roller is operated but when the lever is moved in the opposite direction it moves freely relatively to the 45 roller E. The devices employed for this purpose, may consist of a pawl I¹ pivoted at *i'* to the lever I, which pawl coöperates with the teeth of a ratchet wheel I² secured to the roller E and adapted to be held in desired position by a retaining catch I³ resiliently connected to the frame B¹. The spindle of said lower roller F works in slots in the frame B¹ and said roller F is held against the roller E by means of springs F¹.

55 As shown, the movable cutting blade H

is pivoted to the front of the casing A at H¹ and is adapted to be operated against the action of a spring *h* by a projection I¹¹ the lever I in its downward movement engaging the end H² of a lever H³ pivoted 60 to the blade H at H⁴ and retained in normal position against a stop on the blade H by means of a spring *h*², said end H² being located in the path of movement of the projection I¹¹, whereby that end of the lever 65 H³ adjacent to the stop is caused to abut against said stop, and on continued downward movement of the lever I, the blade H is moved on its pivot H¹. The stop shown on the blade H comprises the pin *h*¹ for 70 connecting the spring *h* to said blade H. The lever I in its upward movement tilts the lever H³ against the action of its spring *h*² until clear of the same whereupon the free end of the lever H³ engages the pin *h*¹. 75

The stamp applying devices may comprise a plate K freely suspended from the end of a double-armed lever M pivoted at *m* to a bracket *m*¹, the end M¹ of said lever 80 having a pin and slot connection with a double-armed lever N pivoted on said bracket *m*¹ at *n* and adapted to be engaged at its end N¹ against the action of a spring *n*¹, by the downward movement of the lever 85 I subsequent to the operation of the cutting devices by said lever, whereby the lever N is caused to operate the lever M and thereby the plate K which thus descends and applies the stamp to an envelop or the like which 90 has been previously moistened by passing it for example beneath the lower end of a wick P or the like contained in a flat tube P¹ held in guide brackets and adapted to be adjusted vertically by means of a pinion *p* 95 engaging a rack *p*¹ on said tube, the wick being kept in a moist condition by means of water contained in a movable receptacle Q provided with a feed tap Q¹.

A grating R may be provided in the base of the apparatus to serve as a drain for the 100 water which then passes into a removable receptacle R¹.

The spool B may be provided with a braking device, such as the flat spring *b*¹ secured to the framing B¹ and bearing at 105 each end on one side of the spool, in order to prevent the spool from slipping.

A recording device S is provided, its operating arm *s*¹ being connected by a link *s*² to the main operating hand lever I. 110

Having now described my invention what I claim and desire to secure by Letters Patent of the United States is:—

1. Apparatus for severing and applying
5 stamps, comprising in combination, a con-
tainer for a rolled strip of stamps, feed
rollers between which the free end of said
strip passes, a manually operated lever con-
nected to one of said feed rollers, devices
10 including a stationary member and a pivoted
member for severing the stamps, trip de-
vices carried by said pivoted member, said
trip devices located in the path of movement
of said manually operated lever, and de-
15 vices independent of said manually operated
lever for applying said stamps, said apply-
ing devices including means located in the
path of movement of said manually operated
lever.
20 2. Apparatus for severing and applying
stamps, comprising in combination, a con-
tainer for a rolled strip of stamps, feed

rollers between which the free end of said
strip passes, a manually operated lever con-
nected to one of said feed rollers, devices 25
including a stationary member and a pivoted
member for severing the stamps, trip de-
vices carried by said pivoted member, said
trip devices located in the path of movement
of said manually operated lever, devices 30
independent of said manually operated lever
for applying said stamps, said applying de-
vices including means located in the path
of movement of said manually operated le-
ver, and vertically adjustable moistening de- 35
vices adapted to coöperate with said apply-
ing devices.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

CLAUDE ISAAC MICHAELSON.

Witnesses:

JOHN McCLEARY, Jr.,

THOMAS BISHOP GRAHAM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
