

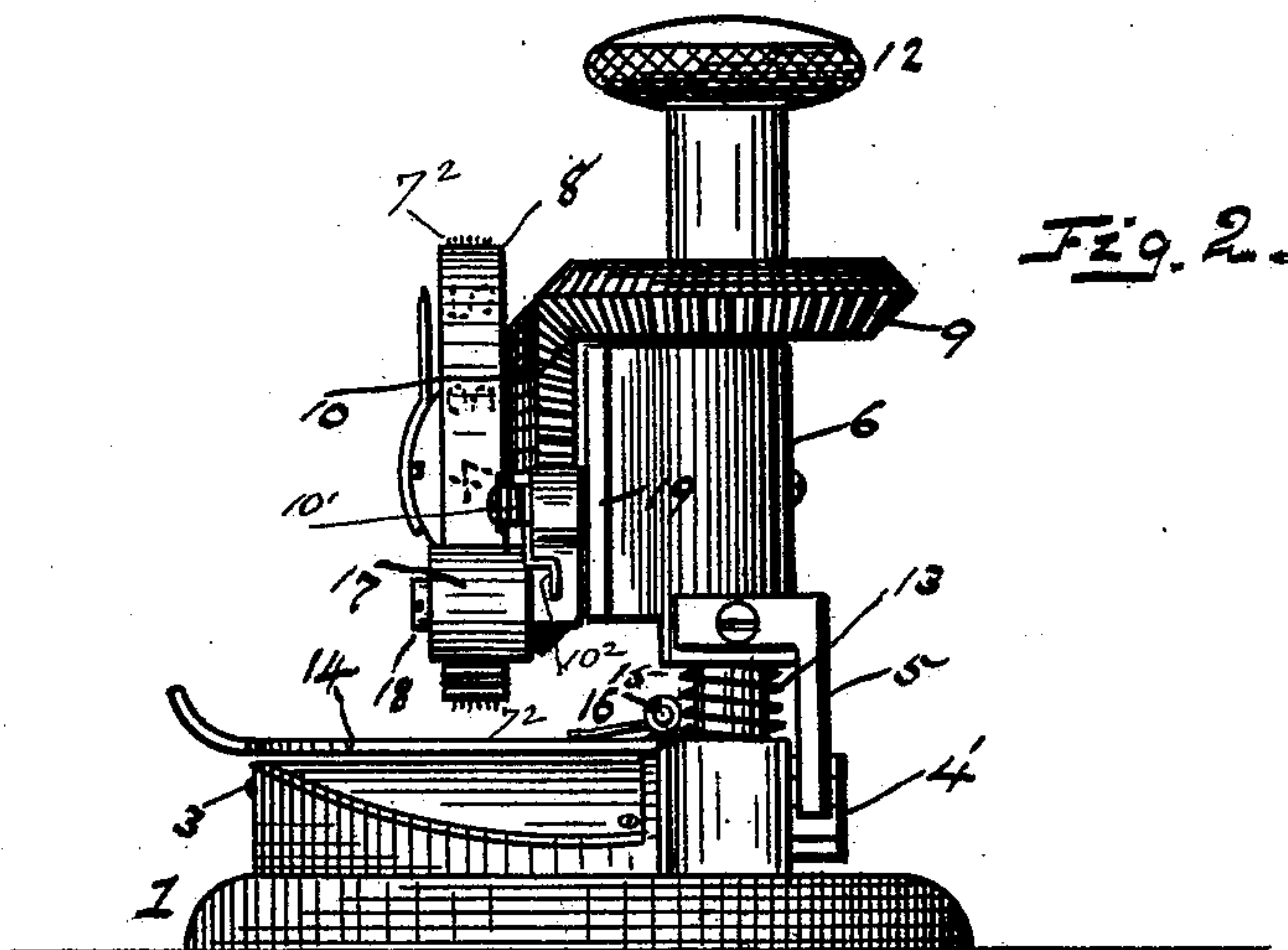
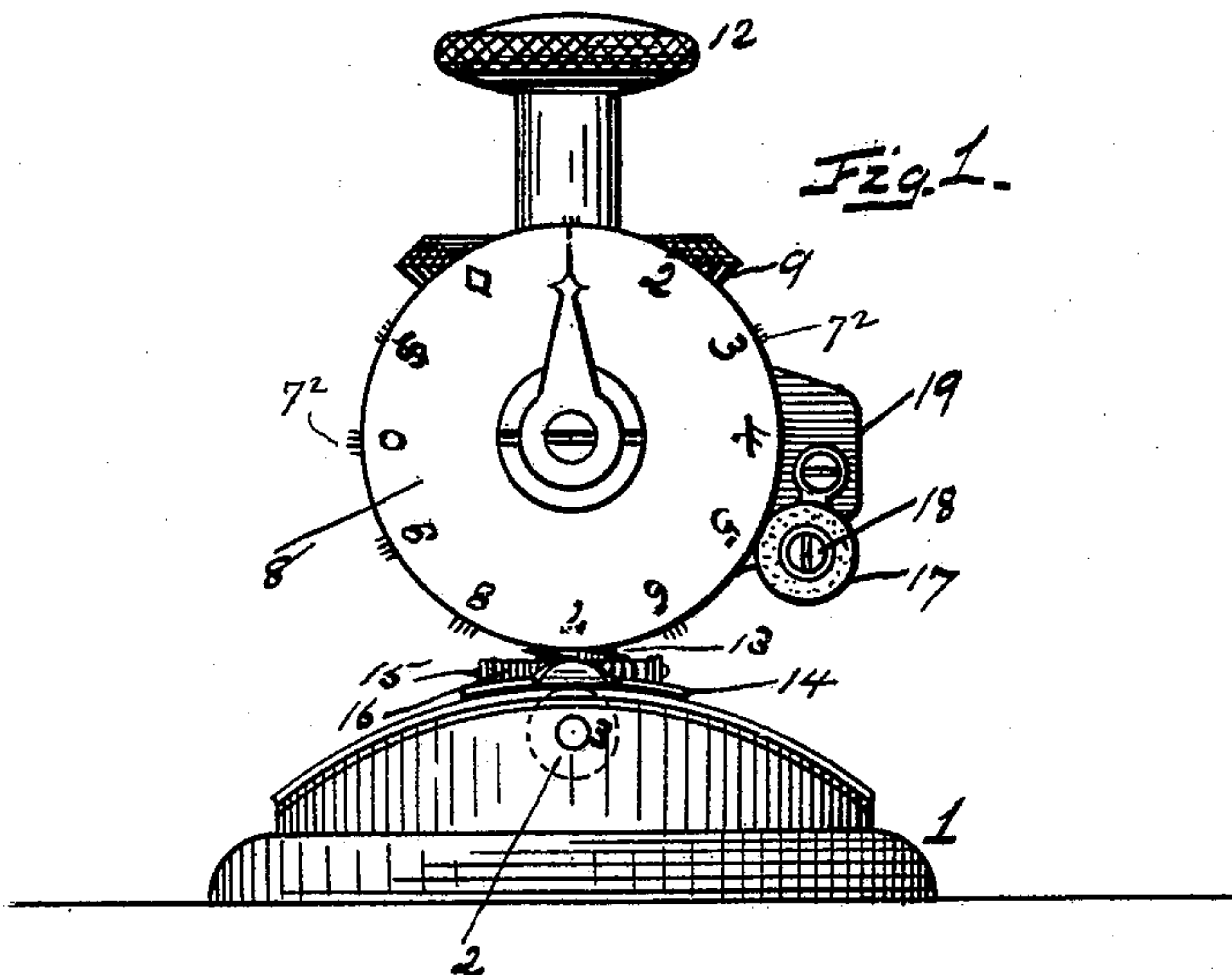
(No Model.)

3 Sheets—Sheet 1.

J. STEWART.
PERFORATING STAMP.

No. 500,258.

Patented June 27, 1893.



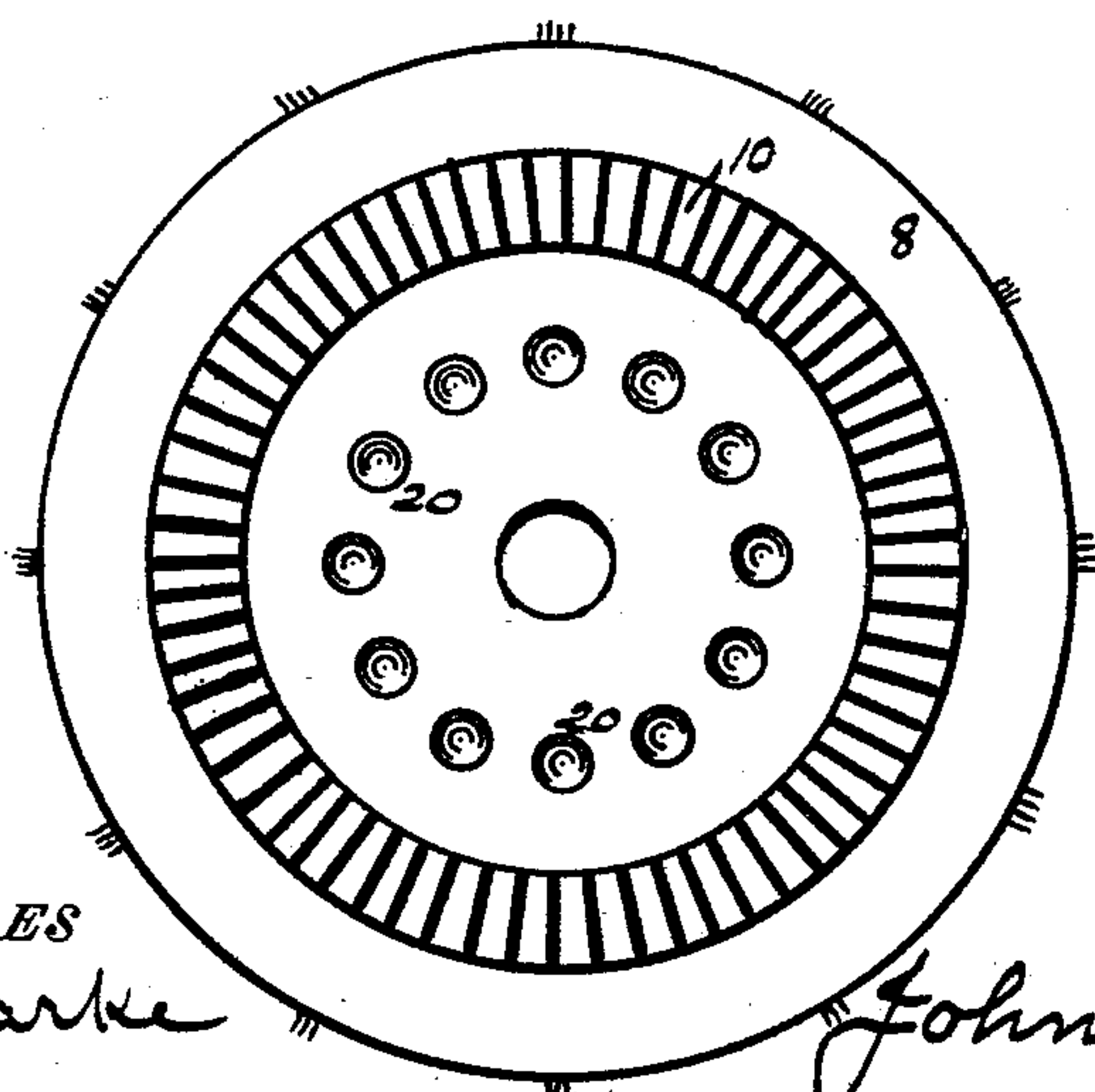
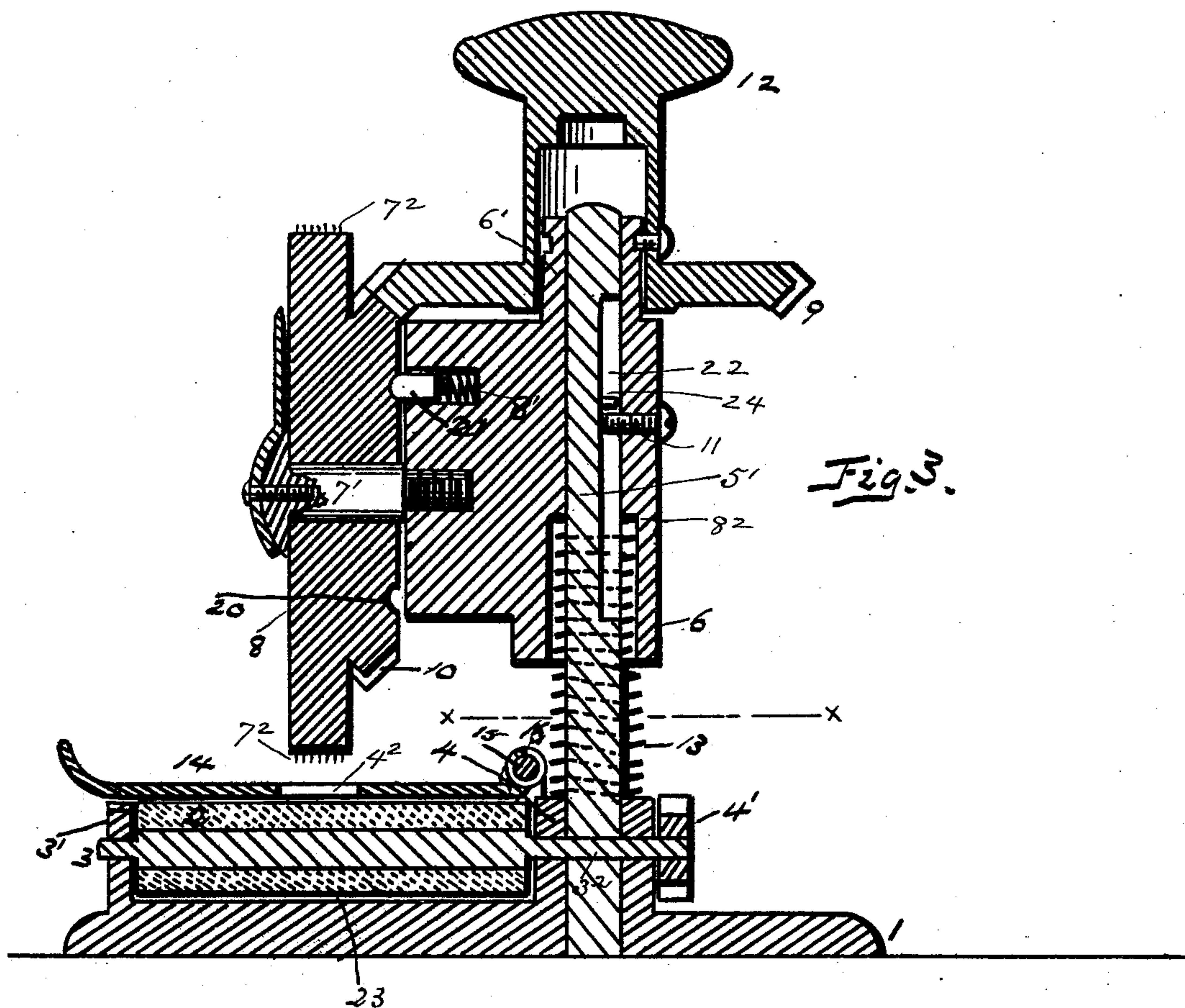
WITNESSES
Jas. D. Clarke
Nelson Paine

INVENTOR
John Stewart
By E. H. Bates Attorney

3 Sheets—Sheet 2.

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 Nelson Paine

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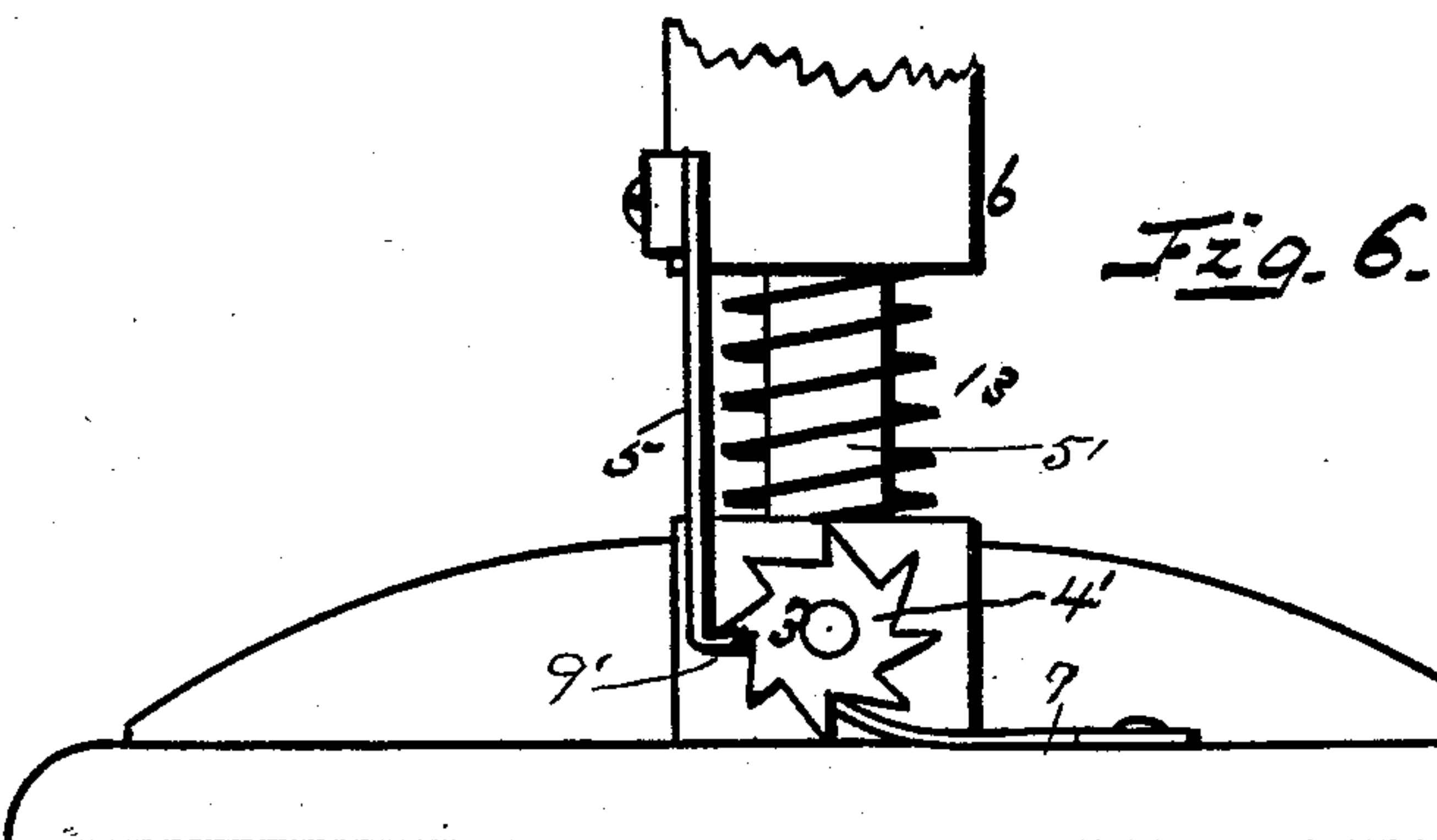
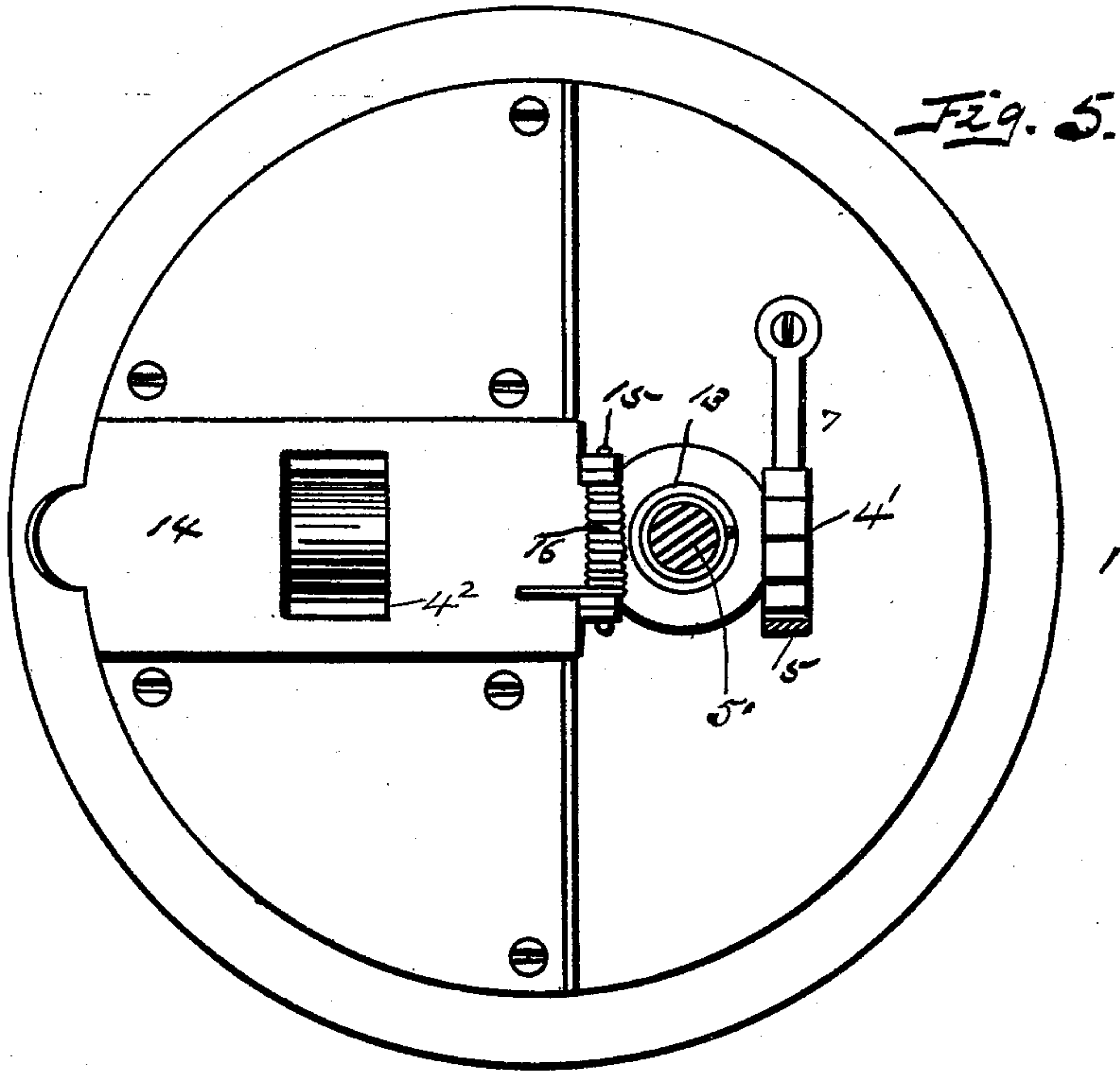
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UNITED STATES PATENT OFFICE.

JOHN STEWART, OF NEW YORK, N. Y.

PERFORATING-STAMP.

SPECIFICATION forming part of Letters Patent No. 500,258, dated June 27, 1893.

Application filed July 7, 1892. Serial No. 439,246. (No model.)

To all whom it may concern:

Be it known that I, JOHN STEWART, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Perforating-Stamps; and I do hereby 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.

This invention relates to improvements in combined check perforators and inking devices for the same, and it consists in the novel construction, combination, and arrangement of parts, of which it is composed, all as will be hereinafter fully described.

The annexed drawings, to which reference is made, fully illustrate my invention, in which—

Figure 1, represents a face view of my improved perforating stamp. Fig. 2, is a side view of the same. Fig. 3, is a vertical sectional view. Fig. 4, is a rear view of the wheel 8 detached from the stamp. Fig. 5, is a horizontal sectional view, taken on line α , Fig. 3, and Fig. 6, is a rear view of the base, the upper portion of the stamp, being broken away.

Referring by letter to the accompanying drawings 1, designates the base of the device; the upper face of which is provided with a depression 23, or recess, in which is journaled a roller 2, the outer surface of which is covered with rubber. The end bearings 3, 3², of this roller are journaled in the upwardly projecting flanges 3', 4, that form a part of the base. Above this roller, is a plate 14, which is hinged at 15, to the base and a coiled spring 16, serves to press said plate upon the upper surface of said base, between which latter and plate a check is passed for perforating and inking. This plate has an opening 4², about its center and its free end is provided with a thumb piece whereby said plate is raised to admit a check beneath it and the upper face of the base.

Arising from the base, is a post 5', upon which is a vertically sliding casting 6, having an extension 6', upon which a horizontal beveled gear 9, is arranged, the same having the handle or knob 12, by which the device is operated. On a horizontal shaft 7', projecting

from the casting aforesaid is the perforating wheel 8, provided on its periphery with the perforating and stamping figures 7² which are arranged directly above the opening in the hinged plate and also above the rubber roller. The rear face of this wheel has a beveled gear 10, which meshes with the horizontal gear 9 and also a series of depressions 20 which are engaged by a pin 21, in the casting; the former being kept in engagement with the pin by a spring 8', in rear of said pin. A coiled spring 13, surrounds the post 5', and engages a shoulder 8², in the casting, thus causing the casting to rise when pressure is off the handle or knob. On one side of the casting, is secured a spring arm 5, having a hook 9', which engages a toothed wheel 4', on the rear end of the roller shaft; and a flat spring 7, secured to the base also engages said wheel, for a purpose presently explained.

Pivoted to the extension 19, of the casting 6, is an arm 18, having a coiled spring 10', and an inking-roller 17, which latter is kept in engagement with the figures on the wheel 8, by the pressure of said spring, one end of which is secured to the screw, to which the arm is pivoted while the free end 10², presses against said arm as shown in the drawings (Fig. 2).

In operation, the plate 14, is raised by the thumb piece and the check or other paper is passed beneath it and over the rubber roller; the spring 16, forcing said plate upon the paper, keeping it in position beneath the wheel 8, after which the knob 12, is forced down, carrying with it the casting and wheel 8, the latter engaging the paper, perforating it as well as inking the same. At the same time the spring arm 5, by its tooth 9', engages another tooth on the wheel 4', and when pressure is relieved from the knob, the spring 13, raises the casting and its perforating wheels to its normal position, the same being limited to its vertical movement, by the pin 11, engaging the groove 22, in the post, the shoulder 24, forming a stop. Instantaneously with the upward movement of the knob and casting, the spring arm, by its engagement with the toothed wheel 4', causes the latter to revolve, causing the rubber roller to do likewise, thus moving the check from beneath the figure just stamped, when the knob is turned bringing another in position, and ready for stamping.

The figures on the periphery of the wheel are inked by the roller 17, the operator turning the knob 12, and through the medium of the beveled gears, revolves said wheel; the ink roller inking each figure on said wheel. The flat spring 7, on the base is designed to hold the toothed wheel in position, and preventing it from a backward movement.

It will be seen that at every stroke of the knob a figure perforates a check and the roller moves said check forward when a second figure may be stamped thereon or as many figures as may be desired, and it is simple in operation, durable as well as ornamental and cheap to manufacture.

What I claim is—

The within described perforating stamp consisting of the base having the depression in its upper face, a rubber roller journaled therein

and a hinged plate having the opening and a spring, for holding said plate close to said roller; the post and casting, the spring surrounding said post, the wheel having the figures on its periphery and beveled gear on its rear face, the depressions in said face; the spring actuated pin engaging said depressions, the knob and horizontal beveled gear, the ink roller pivoted to the casting, the spring therefor and the spring arm having the tooth, the toothed wheel on the end of the roller shaft and the flat spring adapted to engage the toothed wheel all substantially as described.

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

JOHN STEWART.

Witnesses:

JOS. H. MUDGE,
GEO. W. WEISS.