

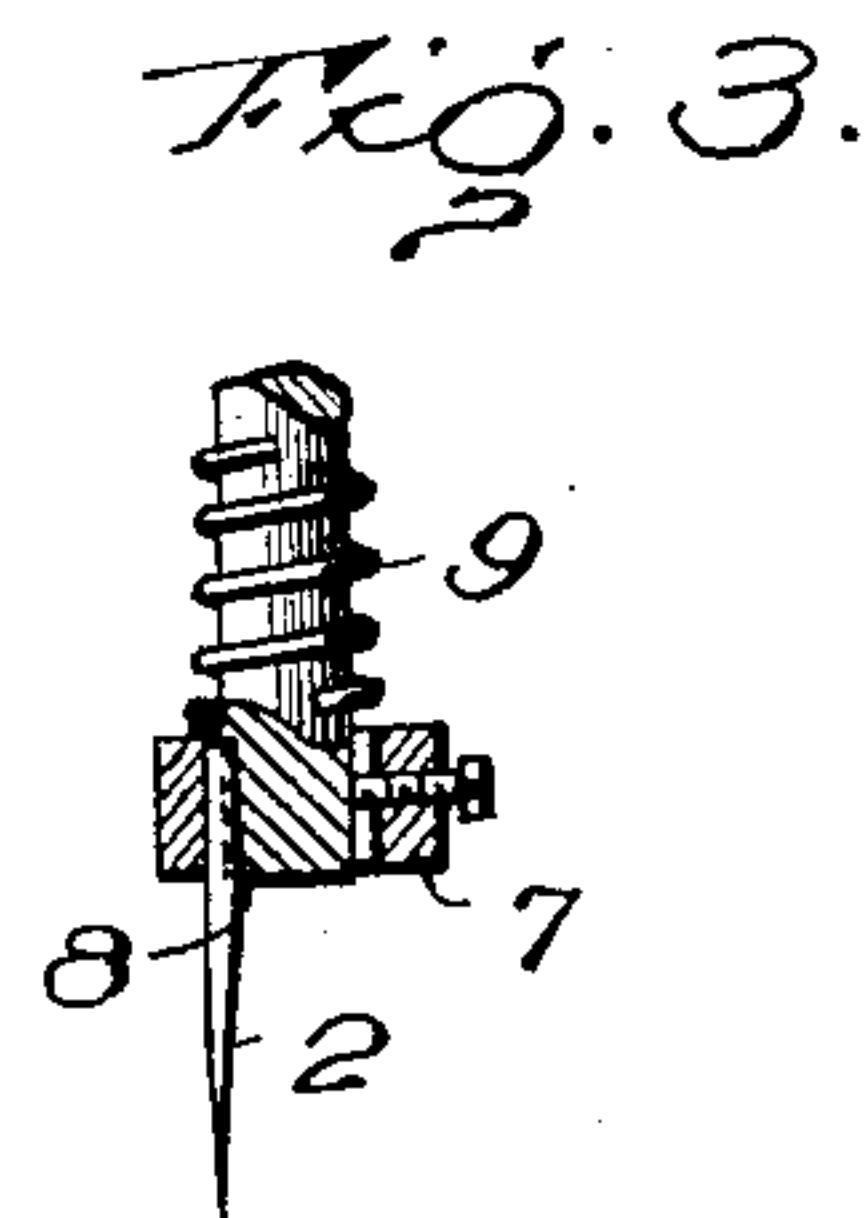
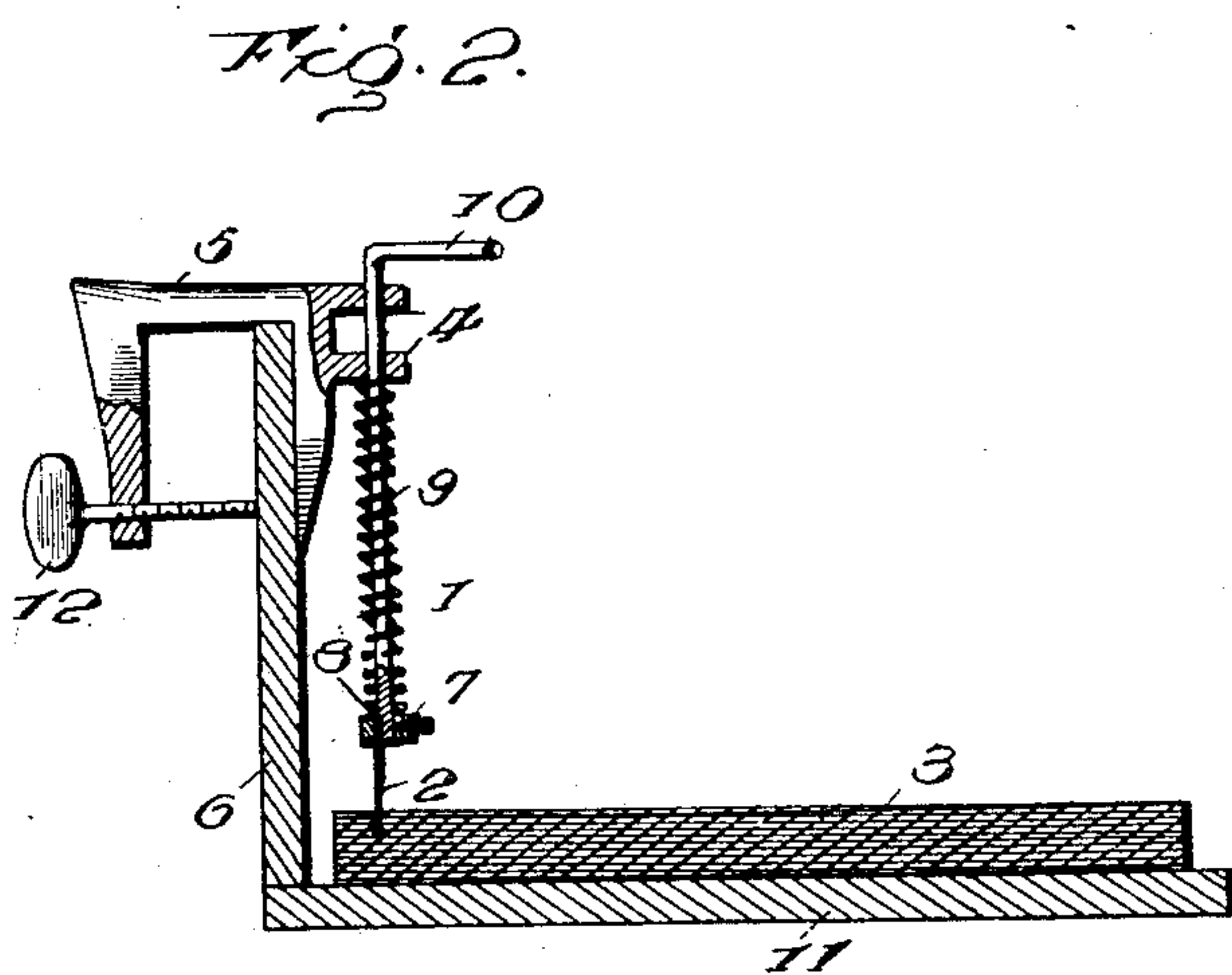
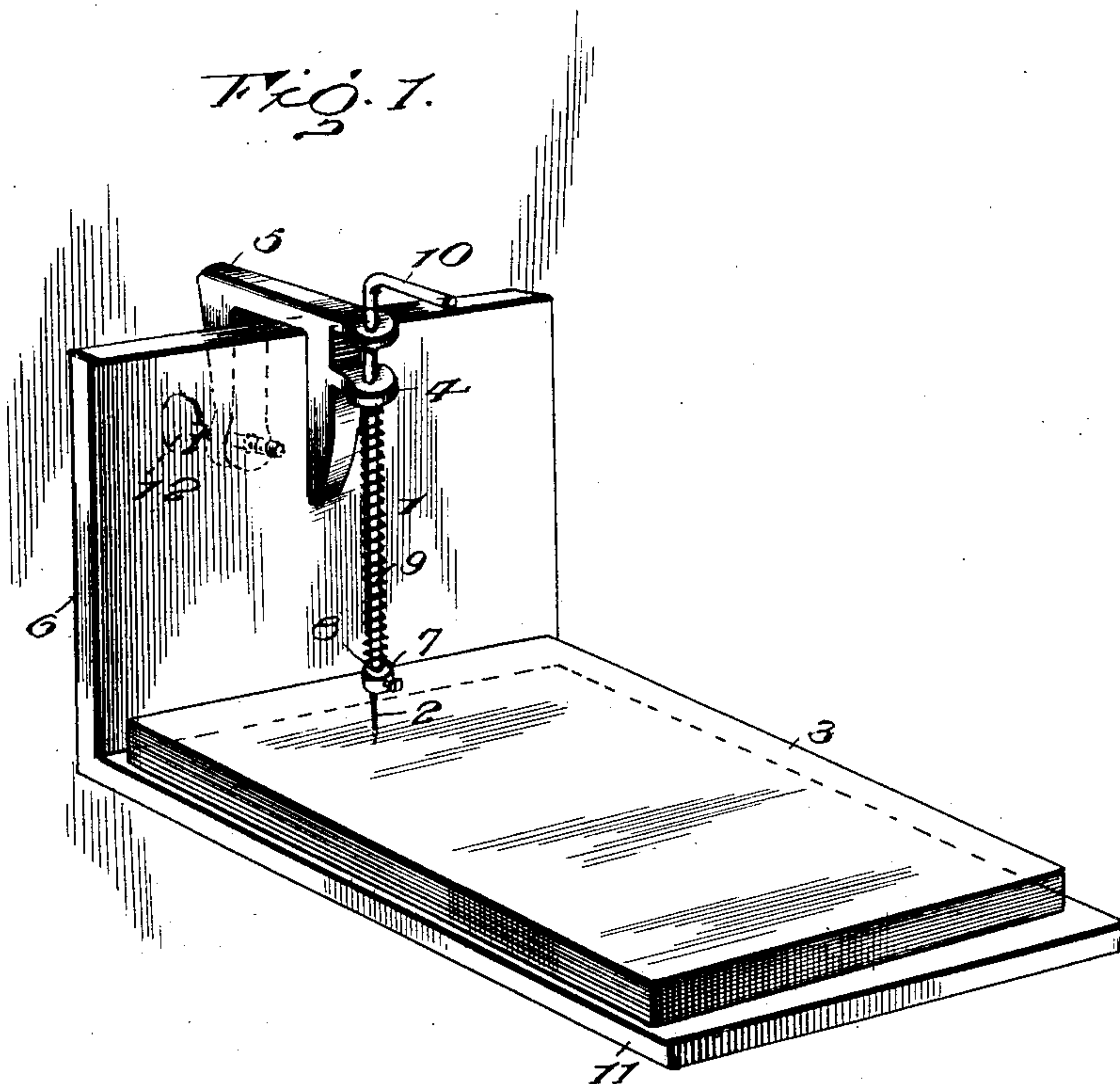
No. 743,609.

PATENTED NOV. 10, 1903.

C. O. YOUNG.
PAPER HOLDER.

APPLICATION FILED APR. 6, 1903.

NO MODEL.



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PAPER-HOLDER.

SPECIFICATION forming part of Letters Patent No. 743,609, dated November 10, 1903.

Application filed April 6, 1903. Serial No. 151,349. (No model.)

To all whom it may concern:

Be it known that I, CLEO O. YOUNG, a citizen of the United States, residing at Rialto, in the county of San Bernardino and State of California, have invented certain new and useful Improvements in Paper-Holders, of which the following is a specification.

This invention is primarily intended to lessen the annoyance and vexation commonly experienced by fruit-packers to expedite the work and to save material. The tissue-paper in which the fruit is wrapped is provided in bunches or packs, and to keep same from being scattered by a draft of air a nail is usually driven through the bunch. Time is required to secure the paper in this manner, and in the event of it becoming necessary to substitute a different-sized paper for the bunch in use considerable waste oftentimes results because of the large opening in the sheets laid aside.

The foregoing objectionable features are wholly obviated by the present invention, which consists of a needle-point pressed forward, so as to penetrate a few sheets of the pile or bunch of wrapping-paper, and automatically advanced as the sheets are used to retain same in proper position, while at the same time admitting of one bunch being readily replaced by another without injuring the sheets in the slightest degree.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing the invention in operative relation. Fig. 2 is a detail view of the holder. Fig. 3 is a detail view showing the means for securing the needle-point to the post or stem and constituting a stop for the spring.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The vital feature of the invention is a stem or post 1, provided with needle-point 2 and acted upon by a force sufficient to cause point 2 to penetrate a number of sheets 3 of the bunch, pile, or pack of wrappers conveniently placed for use of the packer. The stem or post 1 is slidably mounted in guide 4, forming part of clamp 5 of any structural type and adapted to be secured to a suitable support 6. The needle-point 2 may be a part of post or stem 1; but it is preferred to make it separate therefrom to enable ready replacement in the event of breakage and also to enable part 1 to be sufficiently stout to resist the strain, whereas the point 2 may be of tempered steel and made very slender. A sleeve or collar 7 is employed for connecting needle-point 2 to post or stem 1 and is provided with a clamp-screw. The needle-point 2 is adapted to be fitted in a groove or channel 8 in the side of post or stem 1 and held in place by collar or sleeve 7. Spring 9 is mounted upon post or stem 1 and is confined between guide 4 and part 7 and exerts a downward pressure upon the said stem to force needle-point 2 through several of the sheets 3. The upper end of post or stem 1 is bent about at a right angle, as shown at 10, to provide a finger-piece for operating said stem, said finger-piece being adapted to be turned to lie parallel with clamp 5, so as to be out of the way when the holder is in use.

Within the purview of the invention it is contemplated to apply clamp 5 to any convenient support; but in the preferable construction base or tray 11 is provided to support the bunch or pack of paper, and this tray is provided at one edge with a vertical extension 6, to the upper edge of which clamp 5 is secured by clamp-screw 12, threaded into a member of the clamp and adapted to bear against one side of support 6. Guide 4 is a part of clamp 5, and preferably consists of spaced lugs having openings in coincident relation through which post or stem 1 passes.

In the operation of the invention a bunch or pack of paper 3 is placed upon the base or tray 11, with one edge against support 6, post or stem 1 having been elevated to permit needle-point to clear the topmost sheet. After the bunch of paper has been placed in position post or stem 1 is released and spring 9

forces needle-point through several of the topmost sheets. The packer is provided with a rubber finger-stall, which is brought into place for removing the topmost sheet for use, 5 the needle-point, being located near the edge, cutting therethrough. As the sheets are used the needle-point descends under the action of spring 9. As will be readily comprehended, the needle-point prevents more than one sheet 10 at a time being removed from the pack and also prevents the wrapping-sheets from being scattered by a draft of air. Paper of one size may be readily substituted for another by lifting post or stem 1 to disengage the 15 needle-point from the paper in place, and the paper is not injured by the minute opening of the needle-point in a few of the top sheets.

Having thus described the invention, what is claimed as new is—

20 1. In a paper-holder, a stem or post having a needle-point adapted to penetrate a few of the topmost sheets of a bunch of paper, a guide for directing said stem in its movements, and means exerting a pressure upon 25 said stem to progressively advance the needle-point into the pile of paper as the same is used, substantially as set forth.

30 2. In a paper-holder of the character described, a guide, a stem or post slidably mounted in said guide and provided with a needle-point for penetrating a few sheets of a pile of paper, and a spring mounted upon said stem and confined between the guide and

a stop of said stem for advancing the needle-point as the paper is used, substantially as 35 described.

3. In a paper-holder, the combination of a guide, a stem slidably mounted in said guide, a needle-point, means for securing the needle-point to the stem and constituting a stop, 40 and a spring mounted upon said stem and confined between said stop and guide, substantially as specified.

4. In a paper-holder, the combination of a clamp provided with a guide, a stem slidably 45 mounted in said guide and provided with a needle-point, and a spring coöperating with said stem to force the needle-point into the upper sheets of a pile of paper, substantially as described. 50

5. A paper-holder comprising a base provided with an approximately vertical extension, a clamp fitted to said vertical extension, a stem slidably fitted to said clamp and provided with a needle-point, and a spring for 55 exerting a pressure upon said needle-point to cause same to enter a few sheets of a pile of paper placed upon said base, substantially as specified.

In testimony whereof I affix my signature 60 in presence of two witnesses.

CLEO O. YOUNG. [L. S.]

Witnesses:

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