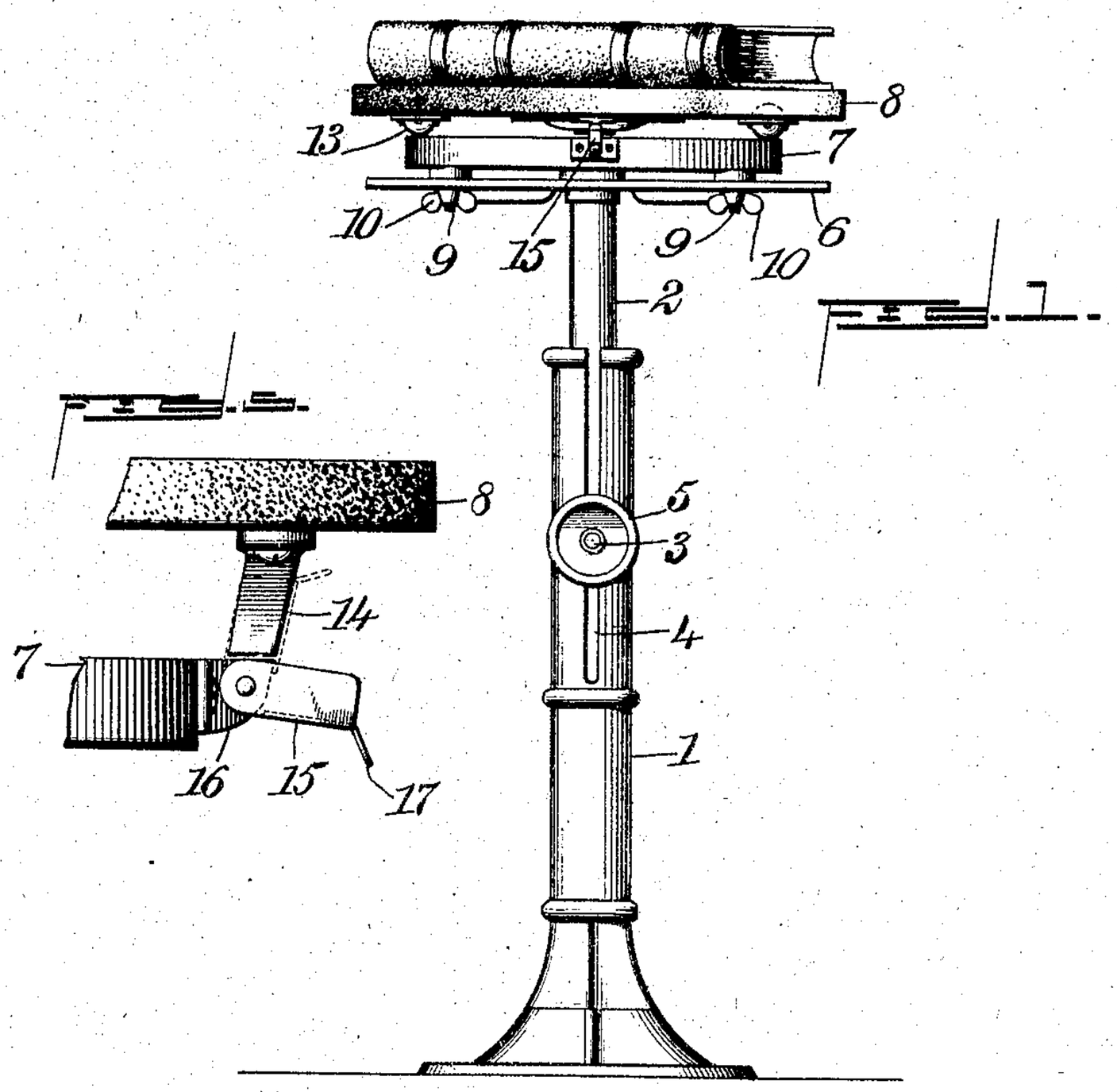
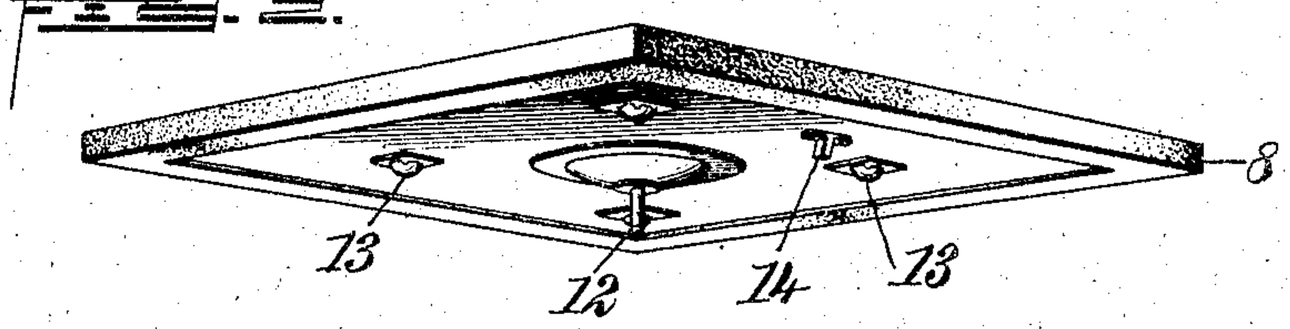
No. 791,798. PATENTED JUNE 6, 1905.

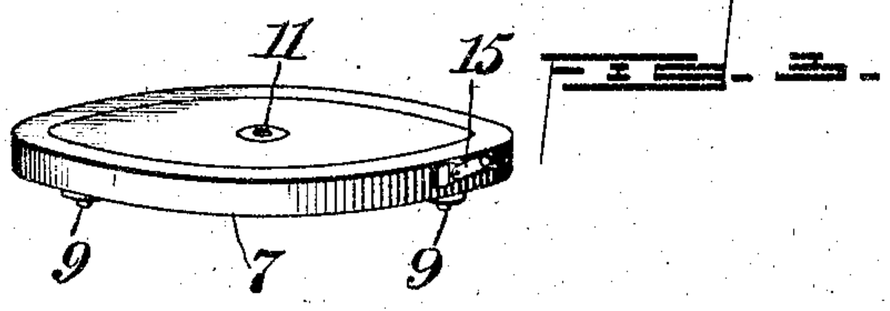
V. KLING.

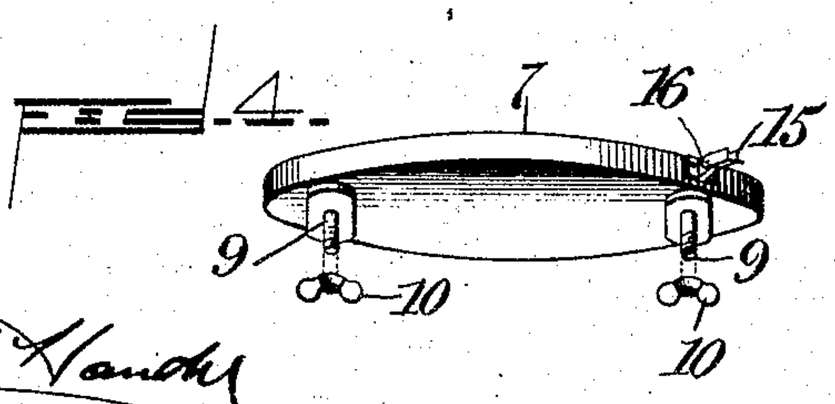
BOOK FINISHER'S STAND.

APPLICATION FILED JULY 12, 1904.









WITNESSES:

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No. 791,798. Patented June 6, 1905.

UNITED STATES PATENT OFFICE.

VALENTINE KLING, OF COUNCIL BLUFFS, IOWA.

BOOK-FINISHER'S STAND.

SPECIFICATION forming part of Letters Patent No. 791,798, dated June 6, 1905.

Application filed July 12, 1904. Serial No. 216,218.

To all whom it may concern:

Be it known that I, VALENTINE KLING, a citizen of the United States, and a resident of Council Bluffs, in the county of Pottawattamie and State of Iowa, have invented a new and Improved Book-Finisher's Stand, of which the following is a full, clear, and exact description.

This invention relates to improvements in book-finisher's stands, an object being to provide a stand for this purpose of simple and novel construction on which a large book may be placed for finishing the sides and turned as desired, making it unnecessary for the workman to handle the book excepting to turn it over to finish the opposite sides, thus relieving the finisher of considerable hard work and consequent loss of time.

I will describe a book-finisher's stand embodying my invention and then point out the novel features in the appended claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is an elevation of a book-finisher's stand embodying my invention. Fig. 2 is a perspective view of the turn-table employed. Figs. 3 and 4 are upper and lower side perspective views of the turn-table track, and Fig. 5 is a detail showing a locking device employed.

The standard of the device comprises telescopic members 1 and 2, the member 2 being adjustable in the member 1 and held as adjusted by means of a set-screw 3 passing through a vertical slot 4, formed in the member 1, the said screw being extended outward from the member 2 and engaged by a set-nut 5.

At the upper end of the standard member 2 is a table 6, on which is removably mounted a circular track 7 for a turn-table 8, designed to support a book, as indicated in Fig. 1. It may be here stated that the standard and table 6 are not only designed for the purpose here shown—that is, for supporting a book while finishing its sides—but the said parts are to be employed in connection with a clamping device of my invention to hold the book in position while finishing its back.

The track 7 is made in the form of a circular plate, and it has screw-bolts 9, which pass through perforations in the table 6 and are engaged by thumb-nuts 10. The track 7 has a central perforation or socket member 11 for receiving a central post 12, attached to the under side of the turn-table 8, and also secured to the under side of the turn-table are rollers 13, which bear upon the track, holding the table level and also permitting its easy rotation. The rollers 13 are of ball form and seated in sockets, thus avoiding the friction incident to rollers on wheels having shafts engaging in bearings.

It is sometimes found necessary to hold the table 8 stationary while the workman is operating upon the book. As a means therefor I secure to the under side of the table 8 a locking-bar consisting of a lug 14, adapted to be engaged by a member 15, mounted to swing on a lug 16, secured to the periphery of the track 7. This swinging member 15 is substantially of box-like construction, open at the upper side, so that the opposite side walls of the latch may engage with the opposite sides of the lug 14. The end of the latch or member 15 is provided with a finger-piece 17. By arranging the latch member 15 on the turn-table, and so as to swing downward, it is obvious that when swung out of engagement with the lug 14 it will not engage with said lug accidentally when a free rotary movement of the turn-table is desired.

In the use of this device the book is to be placed upon the turn-table, which is covered with a suitable soft material to prevent damaging the book, and then the table may be turned as desired as the work proceeds. After finishing one side of the book it may be turned over and the other side finished. By making the standard in two telescopic parts it is obvious that the table may be raised or adjusted to and at any desired height.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A book-finisher's stand, comprising a standard and a table thereon, a track-plate, and

means for detachably securing the same to the table, said track-plate having at its outer edge a lug provided with a swinging box-like member, and a turn-table mounted on the track-plate and provided on its under side at the edge with a lug adapted to be received and held by said box-like member, the latter having a finger-piece.

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

VALENTINE KLING.

Witnesses:
P. H. CLARK,
ARTHUR PICKERING.