

No. 647,899.

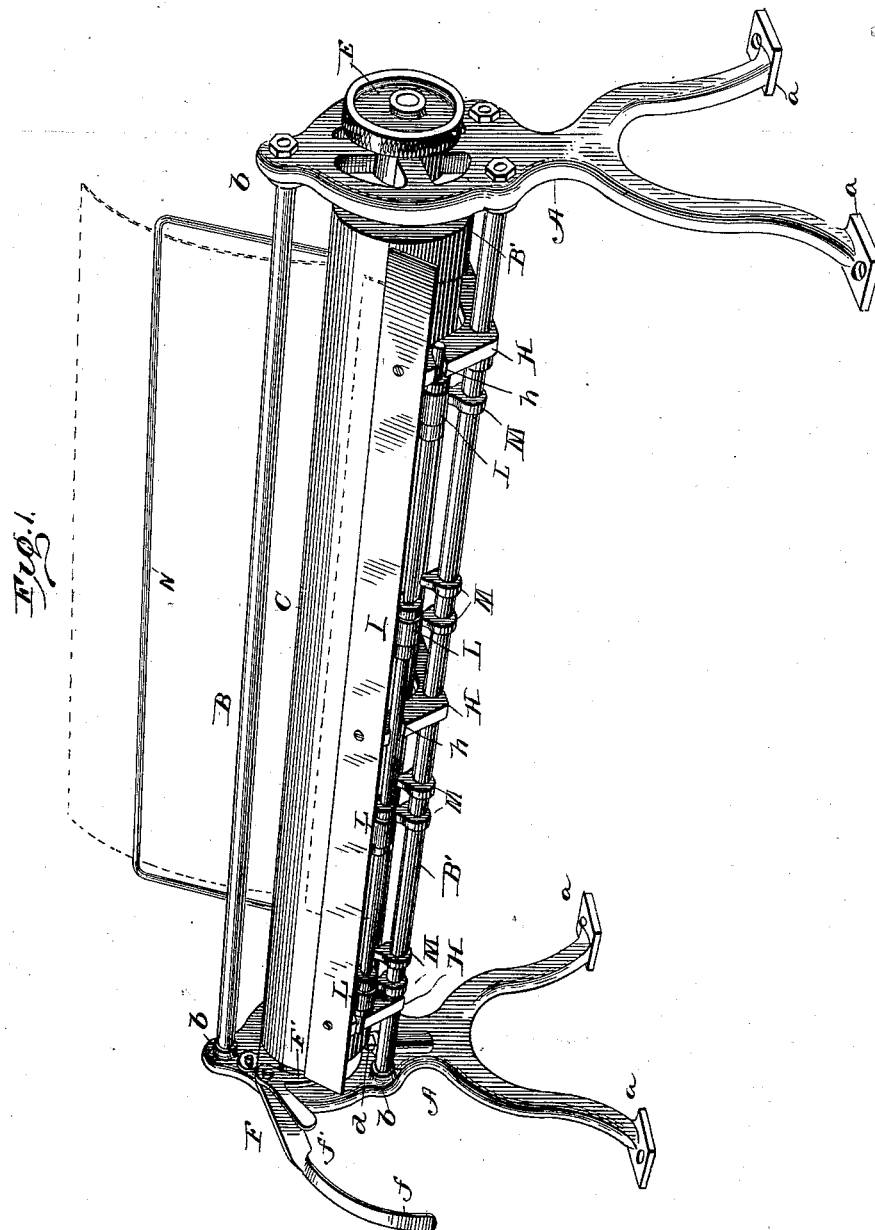
J. F. McCLOSKEY.
COPY HOLDER.

Patented Apr. 17, 1900.

(No Model.)

(Application filed Feb. 12, 1900.)

2 Sheets—Sheet 1.



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2 Sheets—Sheet 2.

(No Model.)

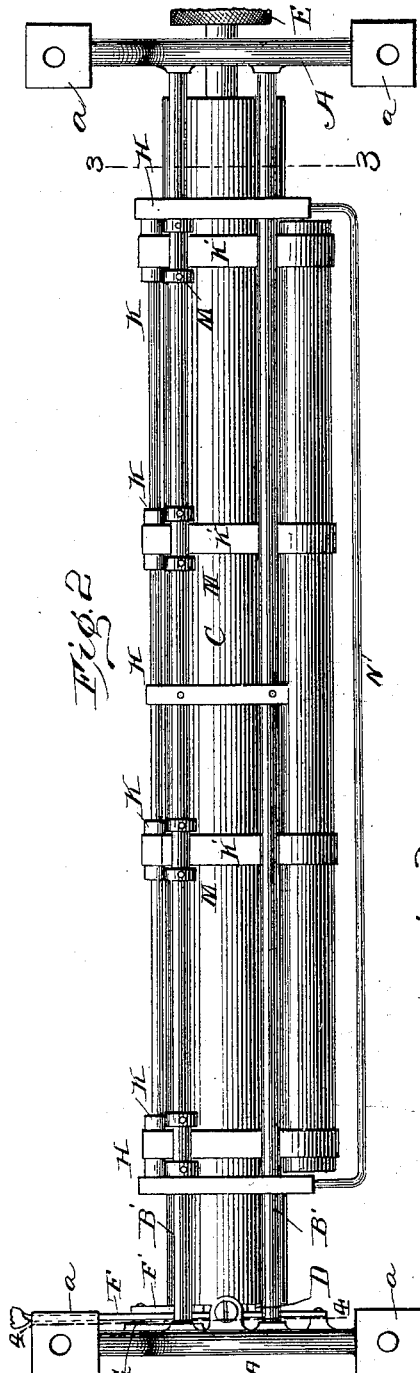


Fig. 2

Fig. 4.

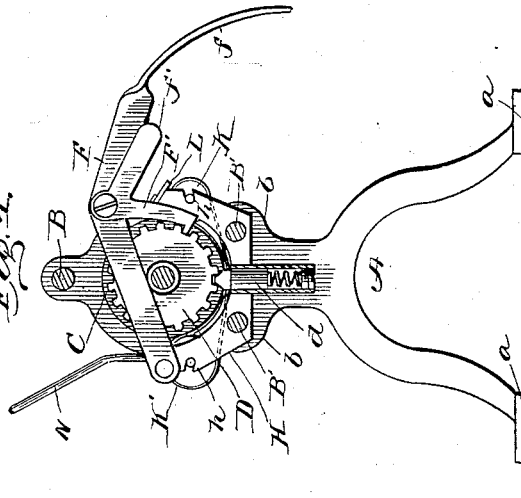
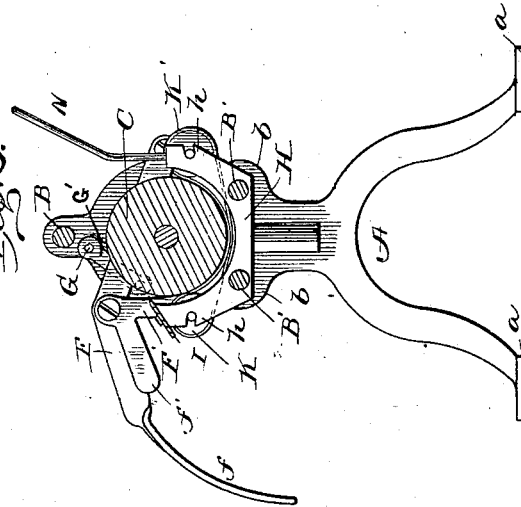


Fig. 3.



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UNITED STATES PATENT OFFICE.

JAMES F. McCLOSKEY, OF WOONSOCKET, RHODE ISLAND, ASSIGNOR TO
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COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 647,899, dated April 17, 1900.

Application filed February 12, 1900. Serial No. 4,961. (No model.)

To all whom it may concern:

Be it known that I, JAMES F. McCLOSKEY, a citizen of the United States, residing at Woonsocket, in the county of Providence and State of Rhode Island, have invented a certain new and useful Improvement in Copy-Holders; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

This invention relates to improvements in holders designed for holding copy and adapted to indicate the lines successively, the invention being particularly designed for holding long tabular sheets from which statistics are being compiled and the lines of which sheets are, by reason of the similarity of the data contained on them and their length, liable to be confused by the compiler if the eye be directed away from the sheet, as is necessary in making such compilations.

The object of the invention is to provide a simple, cheap, and small copy-holder for large sheets of the character mentioned and which will present each line in succession to the eye of the compiler at the same level and as low as is convenient or necessary, whereby the labor incident to repeatedly looking at and away from the sheet is reduced and the speed of the work in hand facilitated, the latter perhaps being the most important consideration.

The invention consists in certain novel details of construction and combinations and arrangements of parts, all as will be now described, and pointed out particularly in the appended claims.

Referring to the accompanying drawings, Figure 1 is a perspective view of a copy-holder embodying my present improvements. Fig. 2 is a view looking upwardly at the bottom of the holder. Fig. 3 is a vertical section on the line 3 3, Fig. 2. Fig. 4 is a similar section on the line 4 4 looking toward the end of the holder.

Like letters of reference in the several figures indicate the same parts.

The holder is formed with two end frames A A, having feet *a a*, adapted to be secured to the desk or table top. The upper portions of the end frames are connected by long and pref-

erably relatively light rods, one, B, located at the top and the others, B' B', located at the bottom of the circular top portions of the frames. The frames are preferably provided with ears *b* for the reception of the ends of the rods, and the latter are held in place by nuts or otherwise, so as to form a rigid but light structure of a sufficient length to accommodate the longest schedules.

Between the end frames and intermediate the rods B B' a roller C is journaled on bearings formed in the end frames, such roller being preferably of relatively-large diameter and provided at one end with a toothed wheel D, with which a spring-pressed pawl *d* is adapted to engage to hold the roller against free rotation, but at the same time to yield when pressure is applied to positively rotate the roller in either direction. The right-hand roller-journal is provided with a hand-knob E, located outside the end frame, whereby the roller may be rotated back and forth at will, and in order to provide for a definite forward feed corresponding to one line on the schedule a feed-lever F, provided with a forwardly-projecting handle *f*, is journaled on one of the end frames, and a pawl F' on the lever engages the toothed wheel on the roller. The pawl is held in engagement by the gravity of its weighted end *f'* when swung down, but will be held up out of engagement when swung up, as will be readily understood. A stop pin or pins G, located on a projection G' on the end frame, are provided and against which the lever will strike to limit the movement to a feed of one line at each operation.

The holder being very long, the copy or schedule must be supported and pressed against the roll at several points in its length, and the supporting and guiding mechanism and marking edge are all supported by the rods B' B', for which purpose said rods carry bridge-pieces H, extending around beneath but out of contact with the roller.

The thin marker or straight-edge I is secured to the front ends of these bridge-pieces in position for its upper edge to indicate the line the compiler is to follow, and at points outside of the rods B' slot or open bearings *h* are formed in the outer edge of the bridge-pieces for the reception of the journals of

small guide-rollers K, the slots being preferably deep enough to just allow the small rollers to contact with the large or copy roller. The rear roller is preferably of uniform diameter; but the front roller is of reduced diameter throughout the greater part of its length. Elastic bands L are passed around the rolls K, their application being easily accomplished by slipping the rollers out of their bearings, and such bands are held against lateral movement by guides M on one of the rods B'. The bands L, it will be seen, rest against the large roll and hold the copy tightly in place, so that it will partake of the movements of the large roll.

In the rear end of the bridge-pieces or the two outer bridge-pieces I preferably mount a guide N for the rear portion of the sheet of copy. With this arrangement it is obvious that a rigid structure of any desired length may be made, and the number of bridge-pieces may be increased or diminished at will, it being preferable, however, to employ at least three to properly brace the structure and afford the necessary support for the small rolls and elastic bands.

In use the sheet, copy, or schedule is passed in from the back, where it is supported by the guide N, and its front edge is turned back beneath the bar B, holding the front or reading portion above the straight-edge up squarely before the compiler. To advance the sheet rapidly, the hand-knob may be grasped and turned; but when once adjusted the free left hand of the operator is utilized to work the feed-lever to advance the sheet line by line.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a copy-holder, the combination with

the end frames having feet adapted to rest on the desk or table, an upper and two lower rods rigidly uniting said end frames, of a roller journaled in the end frames intermediate the rods, bridge-pieces mounted on the lower rods and having open slot-bearings in the outer edges in front and rear of said rods, small guide-rollers journaled in said slot-bearings, elastic bands uniting said guide-rollers for holding them in their bearings and contacting with the main roller, a straight-edge connected with the front ends of said bridge-pieces and means for rotating the main roller a predetermined distance; substantially as described.

2. In a copy-holder, the combination with the end frames, an upper and lower rod rigidly uniting said frames, a main roller journaled in said end frames intermediate the rods and having a toothed wheel at one end and a hand-knob at the opposite end, of bridge-pieces mounted on the lower rods and extending around to front and rear of the main roller and having open slot-bearings in their outer edges in front and rear of the rods, small guide-rollers journaled in said slot-bearings, elastic bands uniting said guide-rollers and contacting with the main roller, guides for said bands, a straight-edge mounted on the front ends and a copy-guide on the rear ends of the bridge-pieces, a feed-lever having a pawl engaging the toothed wheel on the main roller and a spring-pressed stop-pawl also engaging said wheel to retard the rotation of said roller; substantially as described.

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