

No. 671,577.

Patented Apr. 9, 1901.

C. E. BARTHOLOMEW.
TELEPHONE DESK.

(Application filed July 23, 1900.)

(No Model.)

Fig. I.

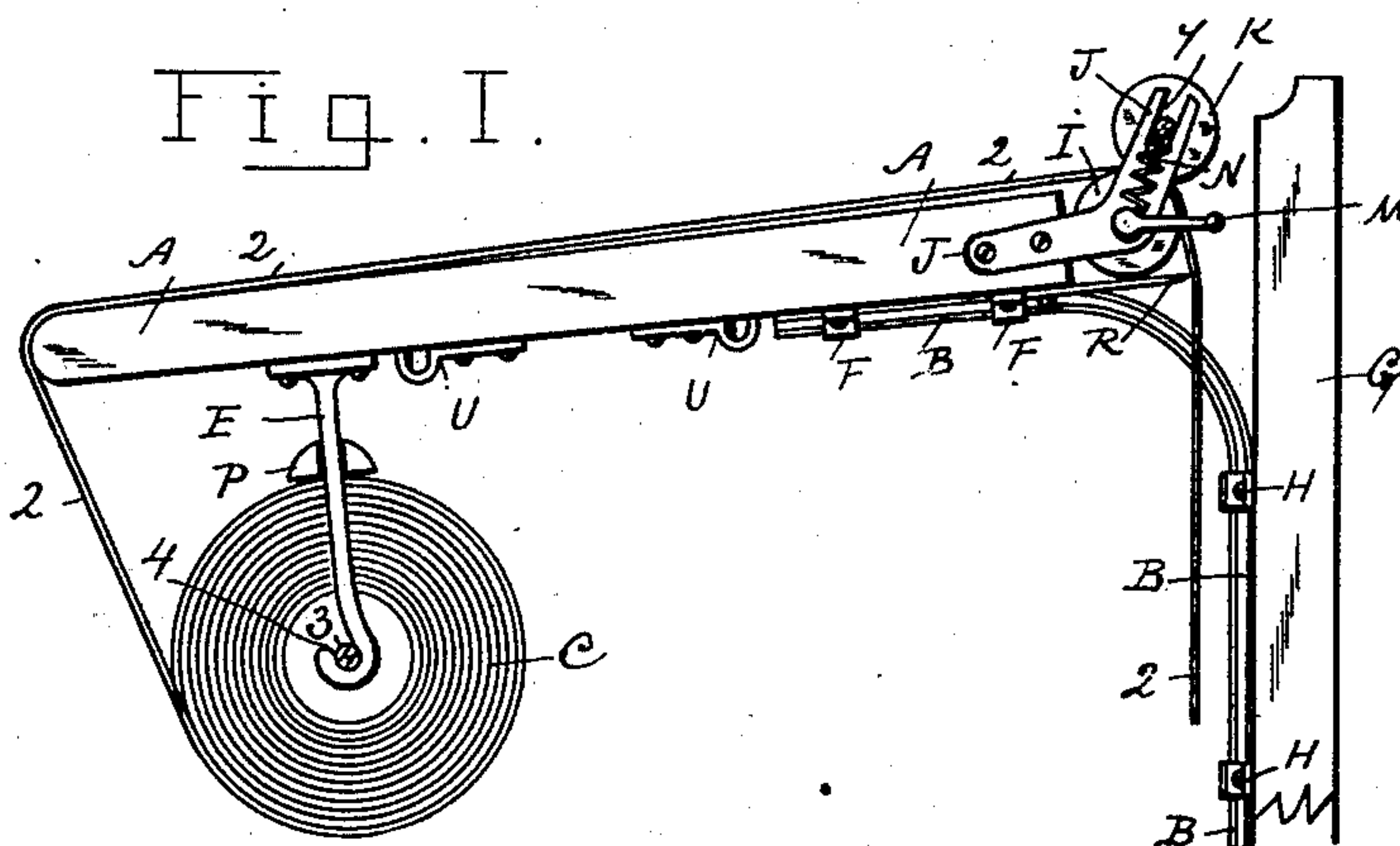


Fig. 4.

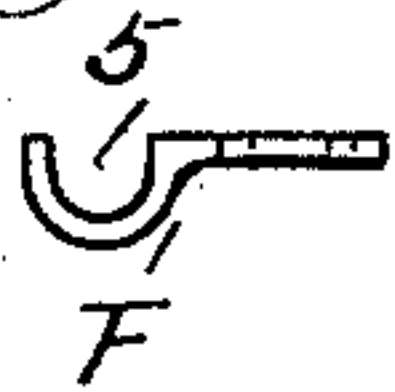
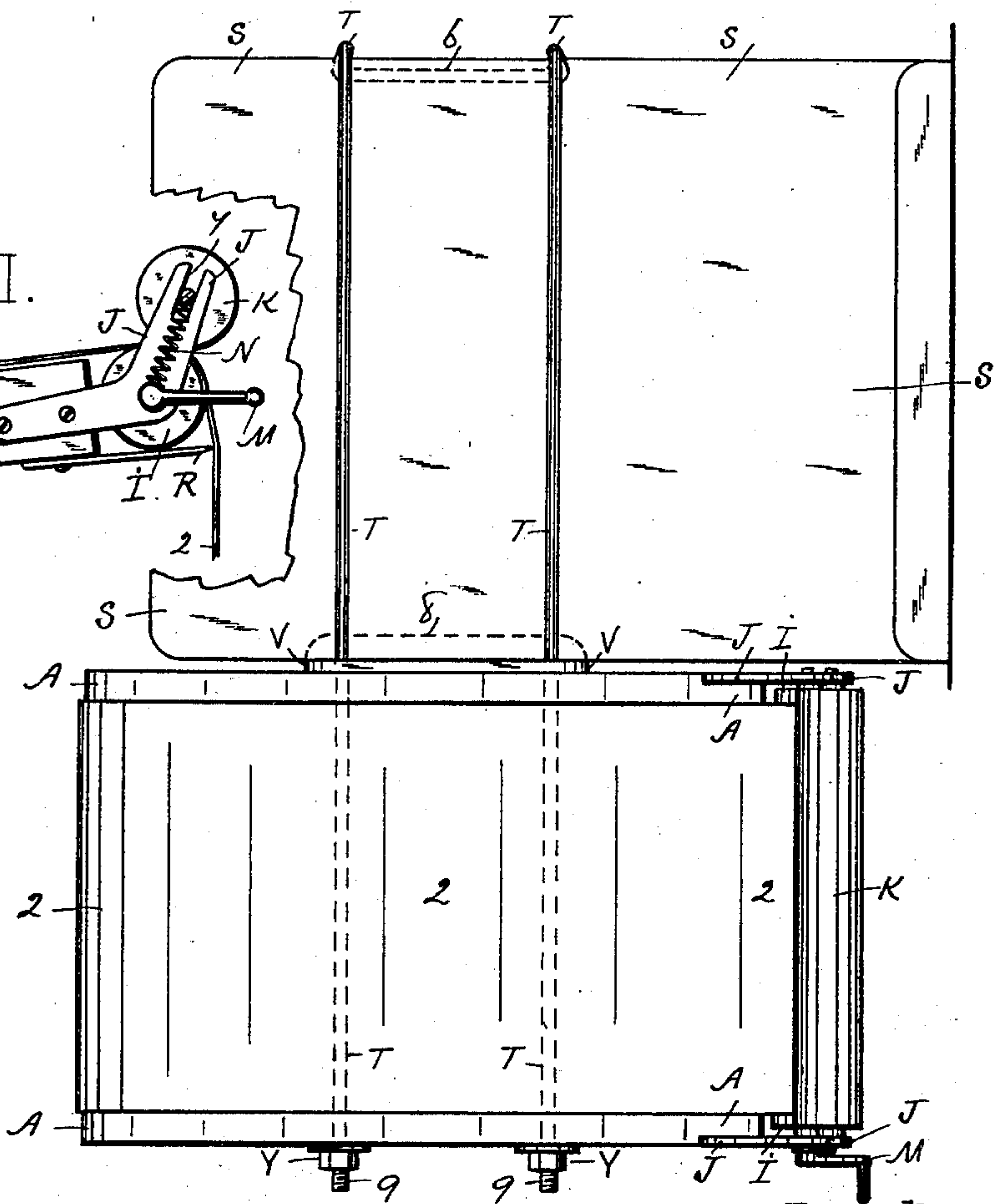
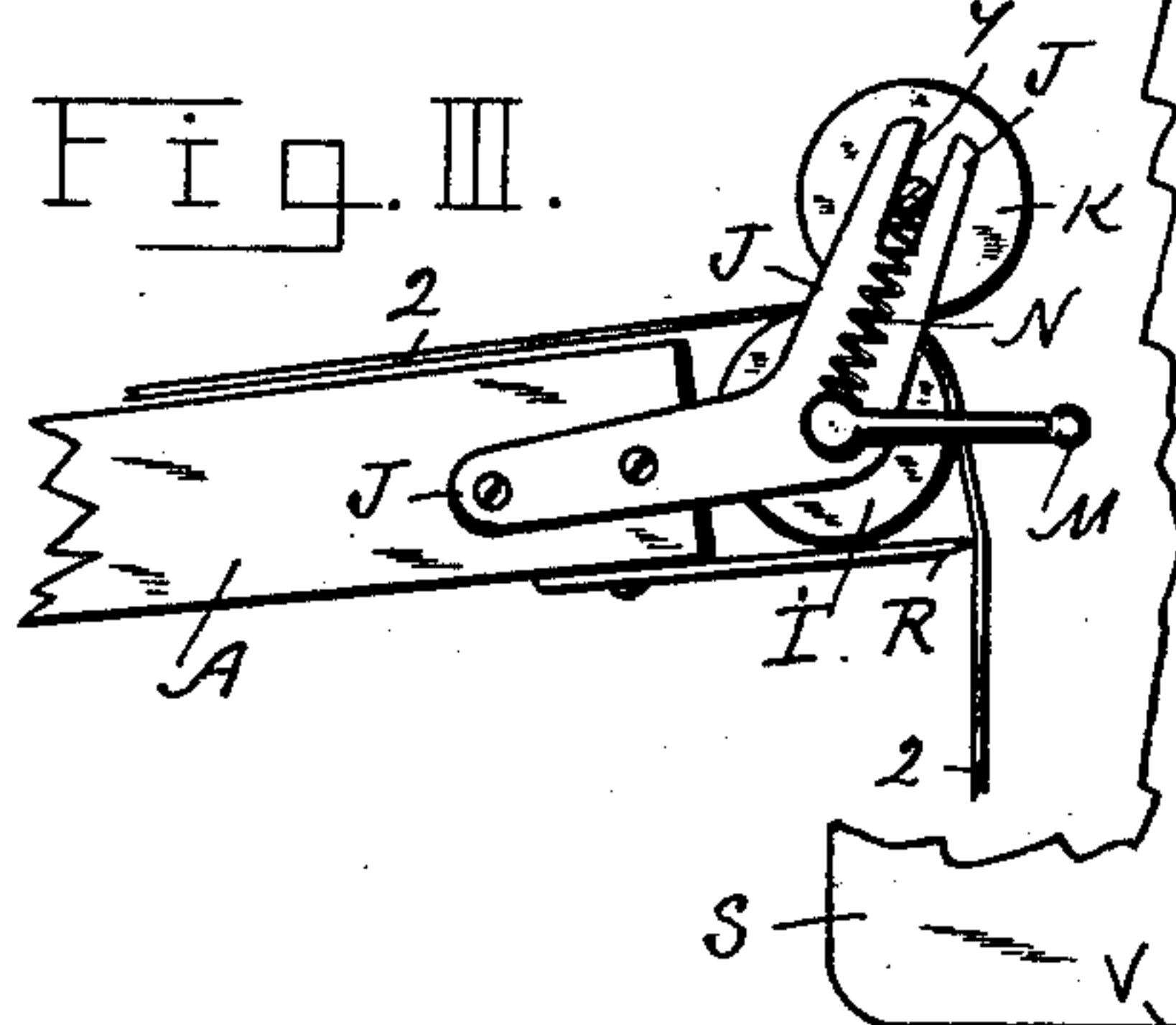


Fig. III.



Witnesses.
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Fig. II.

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UNITED STATES PATENT OFFICE.

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TELEPHONE-DESK.

SPECIFICATION forming part of Letters Patent No. 671,577, dated April 9, 1901.

Application filed July 23, 1900. Serial No. 24,501. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. BARTHOLOMEW, a citizen of Canada, residing at Hamilton, in the county of Wentworth and Province of Ontario, Canada, have invented certain new and useful Improvements in Telephone-Desks; 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.

My invention relates to improvements in telephone-desks in which a writing-desk with a detachable paper-roll underneath is capable of extending the paper over the desk from the front and bringing said paper when written upon through small rollers to the rear and downward, said desk capable of being secured to the rigid projecting cover of a telephone-battery box or to the wall at the right-hand side thereof.

The objects of my invention are, first, to provide a writing-desk in close proximity to a telephone for the convenience of writing down telephonic messages while holding the ear-trumpet by the left hand to the ear; second, to afford facilities for tearing off each message received, and, third, to retain the messages covering a period of time on a continuous length of paper. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved telephone-desk attached to a wall, one of the desk-supporting brackets being removed to show the paper-knife. Fig. 2 is a plan of the same attached to the rigid projecting cover of a telephone-battery box, the two side wall-fastening brackets being removed. Fig. 3 is an enlarged side elevation of the rear end of the desk, shown broken; and Fig. 4 is a view of one of the fastenings to fasten the brackets to the under side of the desk and to the wall-plate.

Similar characters refer to similar parts throughout the several views.

In the drawings the writing-desk is indicated by A, the side brackets which support the same by B, the transverse paper-roll by C, and the paper from off the roll by 2. This paper-roll is supported at the front end of

the desk and underneath the same by the rigid side hangers E, which are secured rigidly to the under side of the desk. The lower ends of these hangers are adapted to receive the journals 3 of the paper-roll to allow the same to revolve with its said journal and also adapted to allow the said paper-roll to be taken out and replaced by means of openings 4 in said hangers. The said brackets B are secured to the under side of the desk by means of suitable fastenings F and to the wall-plate G by similar fastenings H. These fastenings F and H are secured to the under side of the desk and to the wall-plate by screws in such a manner that will enable the desk to be released from the brackets by simply loosening one screw each in said fastenings by reason of the depth of each fastening-opening 5 being a shade less in depth than the thickness or diameter of the bracket. This fastening F is shown in enlarged detail in the drawings. The brackets may also be removed from the wall-plate in a similar manner.

The transverse roller I is journaled at the rear end of the desk in the bearings J, which are secured to the sides of the desk. The rear ends of these bearings extend upward and have slots 7 to receive the journal at the ends of the upper transverse roller K. This roller presses upon the sheet of paper 2 on the lower roller and passes from the front of the desk when the roller I is revolved by means of its right-hand crank M on the side extended journal of the roller I. Slight tension-springs N are loosely attached to the ends of these small roller-journals to afford proper pressure and tension to the paper, which passes between said rollers when operated upon by the said crank, as aforesaid.

P is a weight on the paper-roll C and is slotted at each end to enable it to slide on the hangers E and follow the course of or the diameter of the paper-roll whether there be much or little paper comprising the roll. The transverse paper-knife R extends slightly to the rear of the roller I and is secured to the underside of the desk. The paper 2, hanging from between these two small rollers, may be taken hold of and cut off by means of this knife, when desired or at a period of time. It will be perceived that the writing is done on the

paper which is on the desk, and the periphery of the lower small roller may be on the same plane as the desk or slightly above. This lower roller revolves the upper roller by friction.

To attach this desk to the upper side projecting and rigid cover S of a telephone-battery box, the said desk is released from the wall-plate G, as previously mentioned, and the adjustable double and parallel rod T applied. The desk ends of this double rod are a suitable distance apart to afford stability and pass through the sockets U, which are secured to the under side of the desk and close to the sides thereof. These sockets are of similar construction and substantially the same as the fastenings F and H of the brackets B and can rigidly secure the said double rod T to the desk by means of their screws. This double rod extends over and on the telephone-box cover S, which has the same fall toward the front as the desk, as shown in Fig. 1 of the drawings. The telephone end of this rod T is bent or formed as a lip 6, which grips the projecting side of the cover S of the aforesaid telephone-battery box, and the opposite projecting side of said cover is pressed against the side plate V of the under flange 8, which grips the said cover S. This plate V is capable of sliding on the double rod T to adjust itself to varying widths of covers S. The two ends of this rod T are screwed at 9 for the nuts Y in order to tighten the desk to the cover S, as seen in Fig. 2 of the drawings. This view (Fig. 2) shows the double rod attachment extended out almost to its utmost

extent. When the said nuts are screwed on, the desk is securely fastened by means of the grip 6 and the adjustable plate V, with lower flange 8 on the under side of the cover S and the rods T on the upper side of said cover.

When this desk is attached to the telephone-battery box, the brackets B will not be necessary, though the desk is so constructed as to be capable of attachment to a wall or to a telephone-battery box, as set forth.

Various changes in the form, proportion, and minor details of this invention may be resorted to without departing from the spirit and scope thereof. Hence

What I claim as my invention, and desire to secure by Letters Patent, is—

A writing-desk of the character described comprising supporting-brackets secured to the rear end and sides thereof and to a wall-plate, releasable fastenings for said brackets, a transverse paper-roll journaled underneath and at the front of said desk, hanger-bearings with outer openings to support said roll, a weight with slotted ends on said roll, rear transverse rollers journaled in bearings secured to the sides of the desk and paper from the front roll to pass through said rollers, a transverse knife secured to the under side of the desk and projecting past the lower crank-roller, and tension-springs loosely attached to the journals of said rollers, as described.

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Witnesses:

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