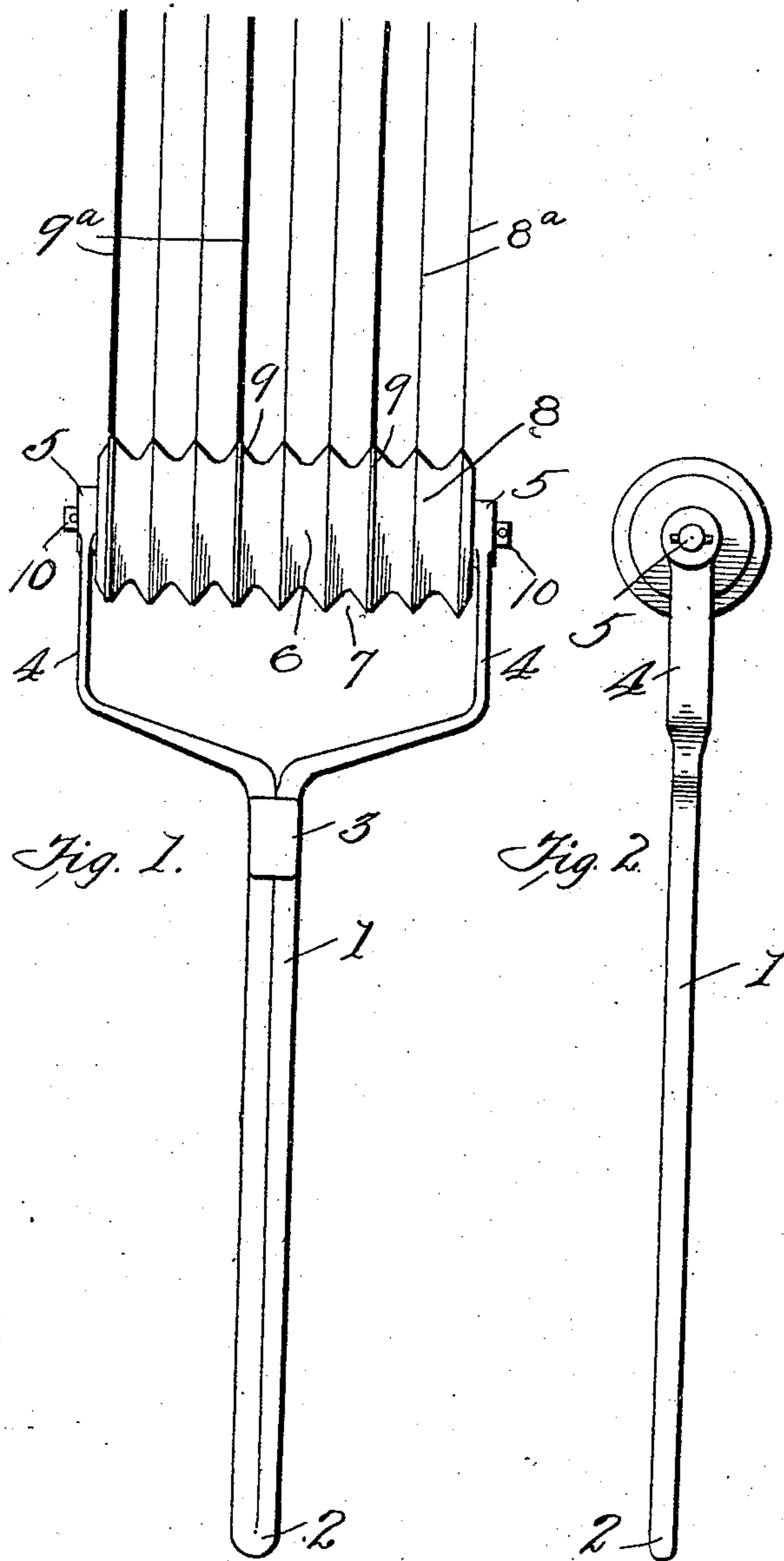


No. 848,545.

PATENTED MAR. 26, 1907.

C. C. GLIDDEN.
RULING DEVICE.
APPLICATION FILED DEC. 5, 1906.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES COLBURN GLIDDEN, OF BIRMINGHAM, ALABAMA.

RULING DEVICE.

No. 848,545.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed December 5, 1906. Serial No. 346,413.

To all whom it may concern:

Be it known that I, CHARLES COLBURN GLIDDEN, a citizen of the United States, and a resident of Birmingham, in the county of Jefferson and State of Alabama, have invented a certain new and improved Ruling Device, of which the following is a specification.

My invention relates to ruling devices, and especially to a rotary ruling device which may conveniently be used by hand.

The characteristics and advantages of my invention are hereinafter fully pointed out in connection with a detailed description of the accompanying drawings, which illustrate exemplifying structures in which my invention is embodied.

In the drawings, Figure 1 is a plan view of my invention, somewhat enlarged, also showing the lines ruled by the device; and Fig. 2, an end view.

Reference-numeral 1 indicates a handle, conveniently formed of a continuous metal rod bent upon itself at 2, the adjacent parts being secured together at 3 and formed into a fork 4, the ends of the fork being perforated and formed into journal-bearings 5.

6 is the ruling-roller, which may in some cases be of metal, but is usually of a yielding material, such as rubber or a rubber composition; 7, grooves in the roller; 8, annular ridges left between the grooves, the apexes of which form narrow printing-surfaces which trace light lines 8^a; 9, other ridges on the roller, the apexes of which are somewhat flattened and broadened, so that they trace broad lines 9^a, and 10 are journals on which the roller is revolubly mounted in bearings 5. In case of a metal roller these journals may be formed integral with the body of the roller, or in case

of a rubber roller they may consist of the ends of a metal shaft passing through its center.

As seen in the drawings, some of the printing-surfaces 8 are made narrow, so as to leave a fine line, and others are made broad, so as to leave a heavy line. A preferred arrangement of light and heavy lines is shown in Fig. 1, in which the roll is adapted to rule columns in which amounts of dollars and cents may conveniently be written. By reversing a roll of this identical arrangement the position of the columns is reversed, and the lines may then be used for writing numerals separated by thousands up to eight figures or more without any decimals.

The printing-roller is inked by rolling it on a stamp-pad or other inked surface and then running it over the surface to be ruled, using a straight-edge if necessary. The device may be used for manufacturing ruled sheets, but is of especial advantage to bookkeepers and others who may desire to rule money-columns on sheets to suit their especial convenience.

I claim—

A hand-ruling device consisting of a handle and a printing-roll revolubly mounted therein, having its surface formed into a plurality of annular printing-surfaces, some of which trace wider lines than the others, said surfaces being arranged so as to rule one or more series of separated lines, each series consisting of a wide line and two narrow lines.

In testimony whereof I have affixed my signature in the presence of two witnesses.

CHARLES COLBURN GLIDDEN.

Witnesses:

C. B. SMITH,
J. T. GLOVER.