

No. 753,886.

PATENTED MAR. 8, 1904.

J. H. JACOBS.
RULER.

APPLICATION FILED OCT. 24, 1903.

NO MODEL.

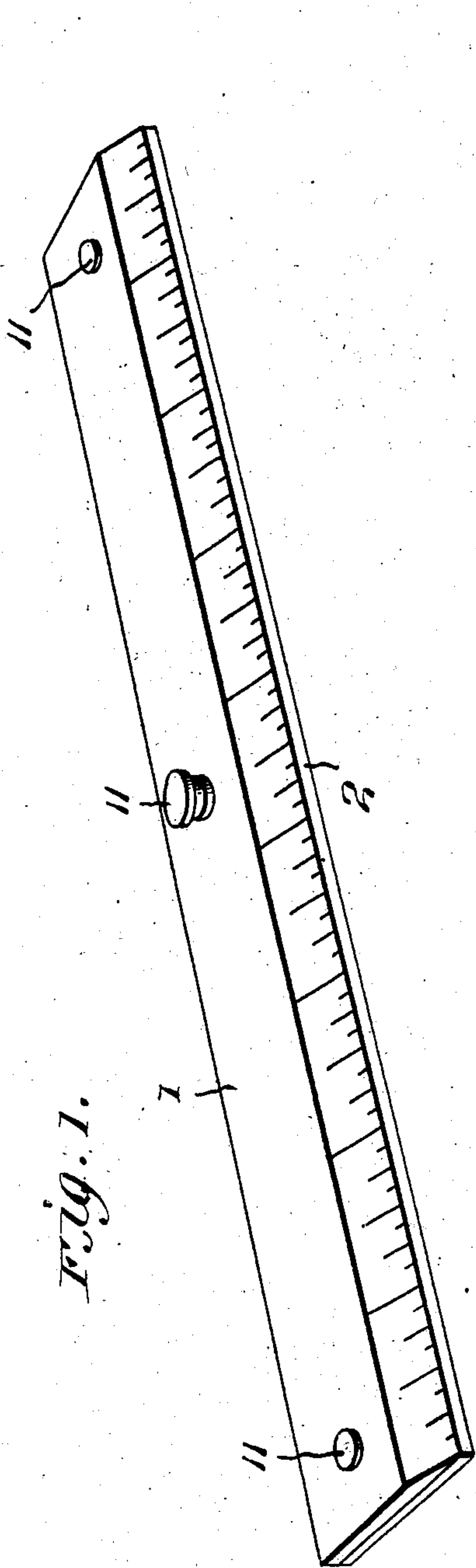
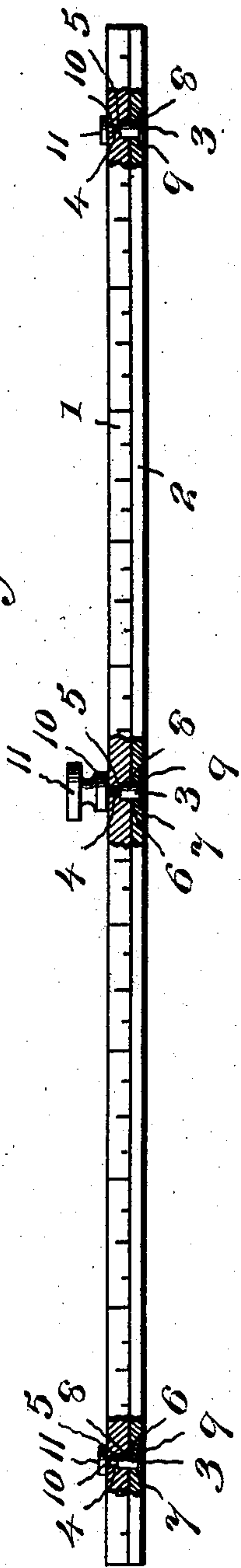


Fig. 2.



Inventor

John H. Jacobs.

Witnesses

F. W. Riley.

John H. Byrne.

By

Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

JOHN H. JACOBS, OF CHICAGO, ILLINOIS.

RULER.

SPECIFICATION forming part of Letters Patent No. 753,886, dated March 8, 1904.

Application filed October 24, 1903. Serial No. 178,357. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. JACOBS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Rulers, of which the following is a specification.

My invention relates to rulers; and its primary object is to provide a blotting means adapted to be easily and readily attached to and detached from a ruler of any construction, whereby a ruler may be used without liability of the surface which is being ruled becoming soiled by ink running from the guiding edge of the ruler to the surface.

A further object of the invention is to provide novel devices adapted to removably secure the blotting means in applied position and to afford means by which the ruler may be handled.

With the above and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter fully described, claimed, and illustrated in the accompanying drawings, which disclose the preferred embodiment of my invention, and in which—

Figure 1 is a perspective view of a ruler equipped with a blotting means constructed in accordance with my invention; and Fig. 2 is a side elevation thereof, the ruler and blotting means being broken away at the points where the securing devices are located.

Referring to the drawings by reference-numerals, 1 designates an ordinarily-constructed ruler, 2 the blotting means, and 3 the devices for detachably securing the blotting means in applied position.

The ruler is provided with openings 4, extending from the upper to the under surface thereof and preferably three in number, two being disposed near either end of the ruler and the third in the center thereof. The openings have their upper portion restricted to provide shoulders 5, the purpose of which will be hereinafter fully pointed out. The blotting means may be constructed from any suitable material or composition, and it is preferably of a size equal to the length and

width of the ruler to which it is secured. It is secured to the under side of a ruler to present a blotting-surface between the ruler and the surface being ruled, and one of its edges is in vertical and longitudinal alinement with the guiding edge of the ruler to receive any ink which might otherwise flow from the guiding edge to the surface being ruled and also permits the ruler to be used on surfaces having wet lines. The blotting means is provided with openings 6, adapted to aline with the openings 4, and their lower portions are enlarged to provide recesses 7.

The fastening devices comprise internally-screw-threaded sleeves 8, provided with horizontally-disposed heads 9 and threaded bolts 10, adapted to be received by the sleeves and provided with knurled head 11, by means of which they are turned to be connected to or disconnected from the sleeves. One of the heads 11, preferably the center one, is increased in size to provide a handle by means of which the ruler may be conveniently handled, while the remaining heads are sufficiently small to prevent them from forming obstructions, but not to prevent them from being easily grasped to turn the bolts 10. The sleeves 8 are adapted to occupy the openings 6 and project thereabove to fit in the enlarged portions of the slots 4 and abut against the shoulders 5. The heads of the sleeves are adapted to occupy the recesses 7, to be embedded in the blotting means sufficiently to prevent them from coming into contact with the surface being ruled. The bolts 10 are adapted to project through the restricted portions of the slots 4 and be turned into the sleeves 8 to secure the blotting means in applied position. The engagement of the shoulders 5 by the upper portions of the sleeves prevents the heads 9 from being drawn upward farther than is necessary to firmly connect the blotting means to the ruler, thereby obviating all liability of the fastening devices causing the surface of the blotting means to bulge at the points where it is connected to the ruler.

It is apparent from the above-described construction, taken in connection with the accompanying drawings, that I provide a blotting

means which may be readily and easily attached to any construction of ruler to absorb all ink that would otherwise flow from the guiding edge to the surface being ruled and
 5 that the blotting means may be readily removed when soiled to be replaced by a new blotting means. It is further apparent that the manner of securing the blotting means in applied position obviates all liability of the
 10 surface of the blotting means becoming uneven, consequently avoiding any rocking motion of the ruler when in contact with a surface, which would otherwise occur, and that the provision of one of the fastening means
 15 with a handle enables the operator to conveniently manipulate the ruler.

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

20 1. A device of the character described, comprising a ruler, a blotter, means carried by the blotter, and means carried by the ruler and adapted to detachably engage the first-mentioned means to removably secure the blotter
 25 in applied position.

2. A device of the character described, comprising a ruler, a blotting means, sleeves carried by the blotting means, and means carried by the ruler and adapted to engage the sleeves
 30 to secure the blotting means in applied position.

3. A device of the character described, comprising a ruler, a blotting means, sleeves carried by the blotting means, and bolts carried
 35 by the ruler and adapted to engage the sleeves

to secure the blotting means in applied position.

4. A device of the character described, comprising a ruler, a blotting means, sleeves carried by the blotting means, and bolts carried
 40 by the ruler and adapted to engage the sleeves to secure the blotting means in applied position, one of said bolts being provided with a handle.

5. A device of the character described, comprising a ruler provided with shouldered recesses, a blotting means, means carried by the blotting means and adapted to engage the
 45 shoulders of the recesses, and means carried by the ruler and adapted to engage the second-mentioned means to secure the blotting means in applied position.
 50

6. A device of the character described, comprising a ruler provided with openings reduced to provide shoulders, a blotting means
 55 provided with openings and recesses communicating therewith, sleeves adapted to occupy the last-mentioned openings and engage said shoulders, said sleeves being provided with
 60 heads adapted to occupy the recesses, and bolts provided with knurled heads and occupying the first-mentioned recesses and adapted to engage the sleeves to secure the blotting means in applied position.

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

JOHN H. JACOBS.

Witnesses:

WILLIAM MADLUNG,
 FREDERICK M. FETT.