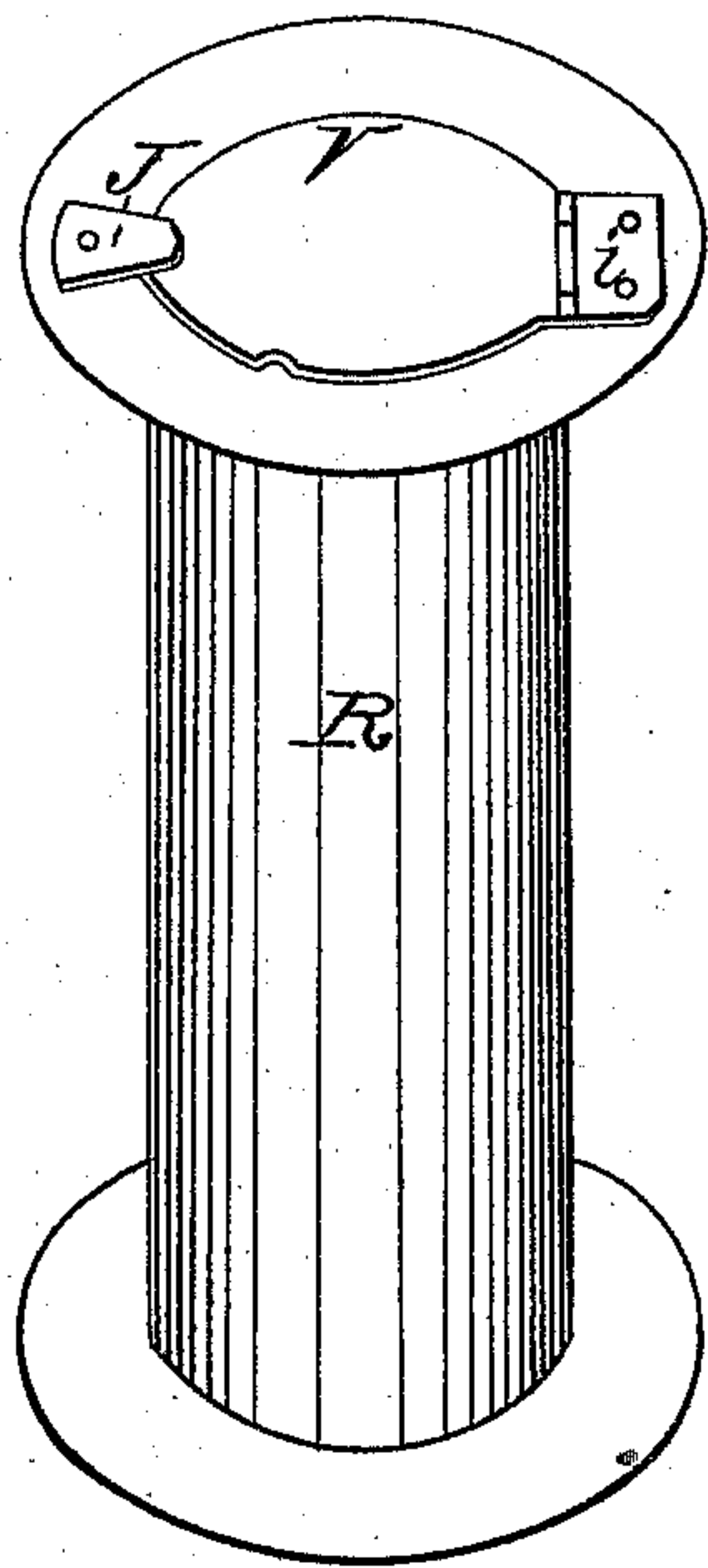
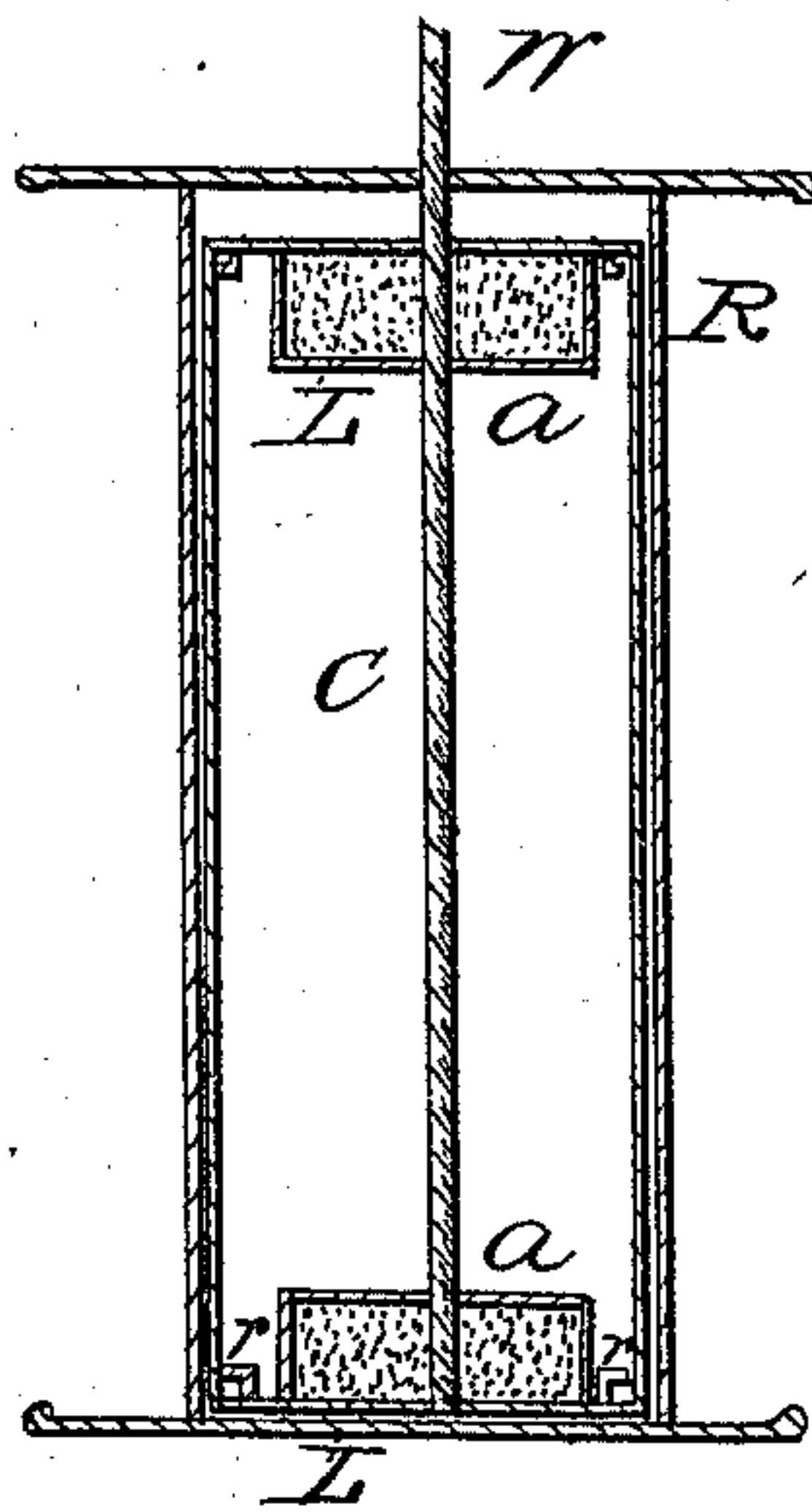


*S. B. Knight,*  
*Chalk-Line Holder,*  
*No 12,599,      Patented Mar 27, 1855.*

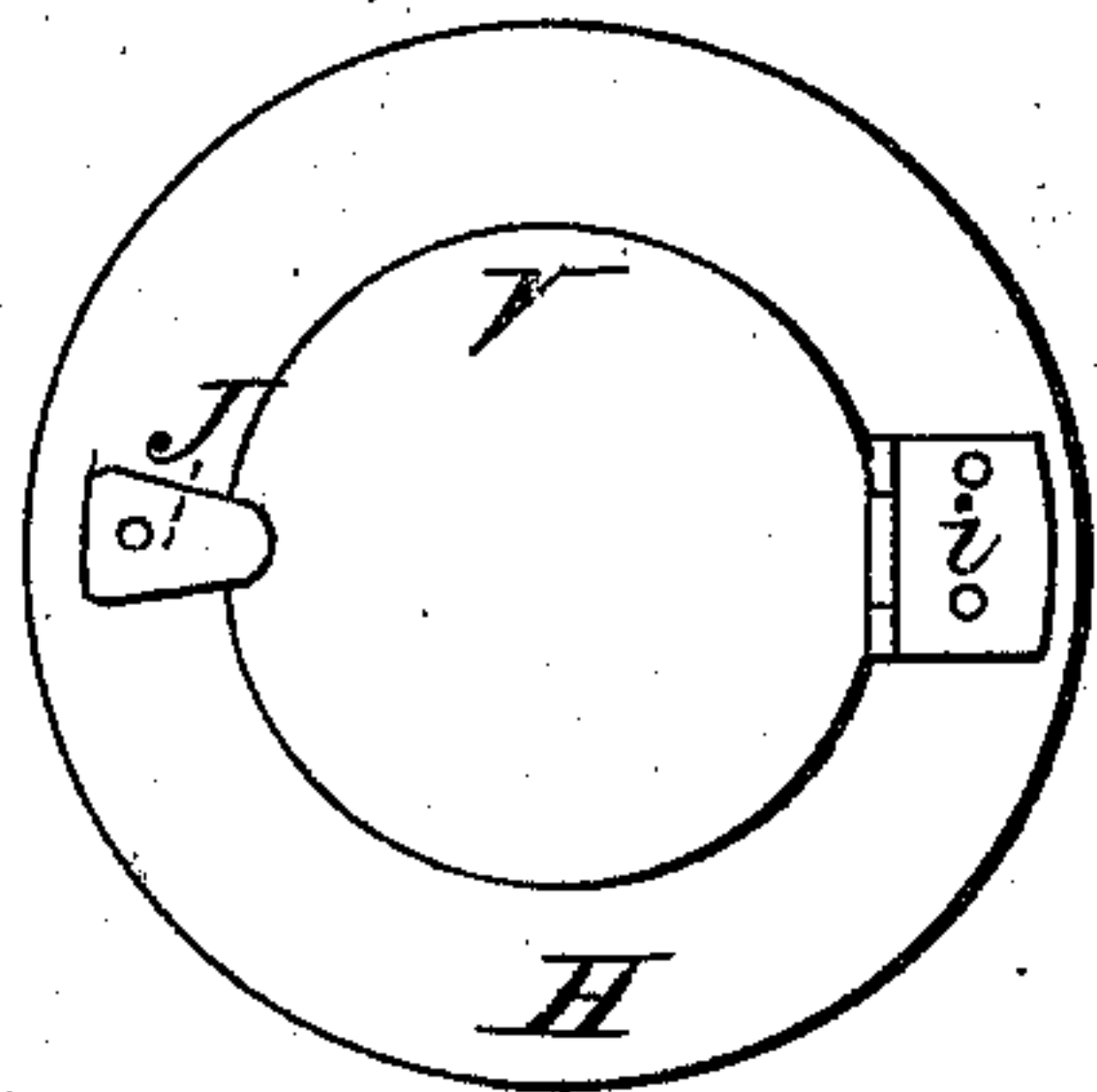
*Fig 1*



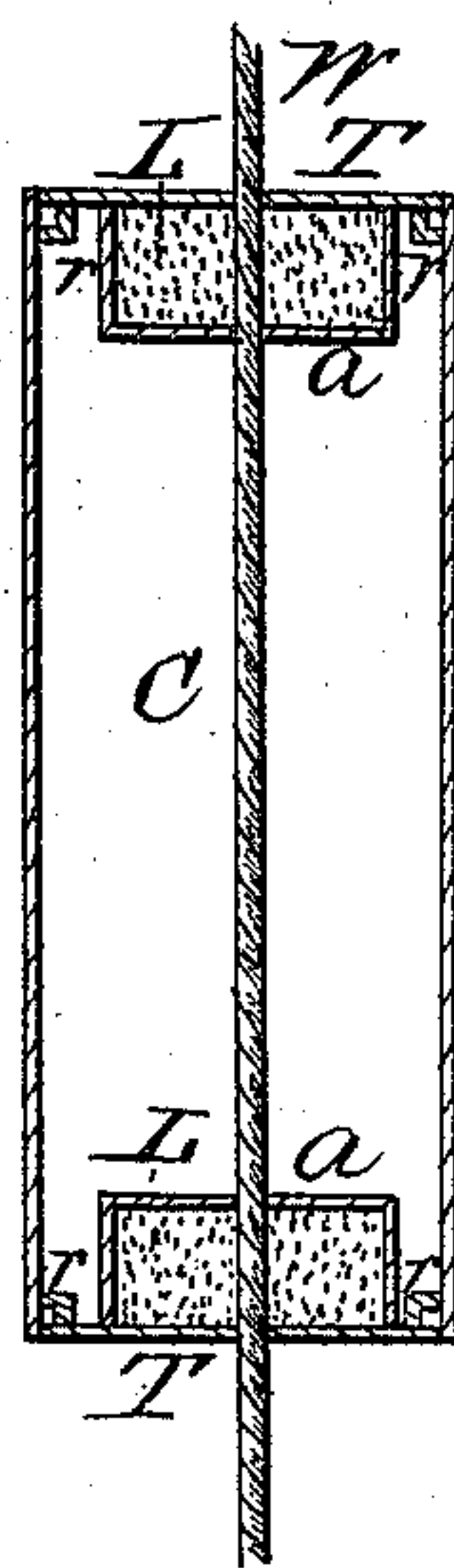
*Fig. 2*



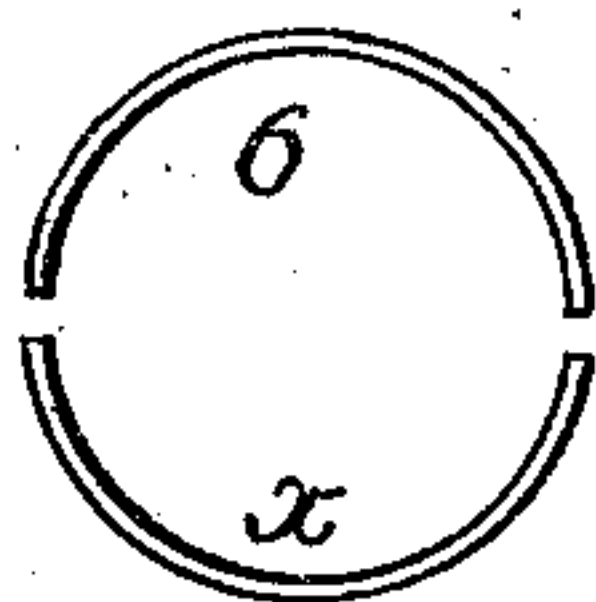
*Fig. 4*



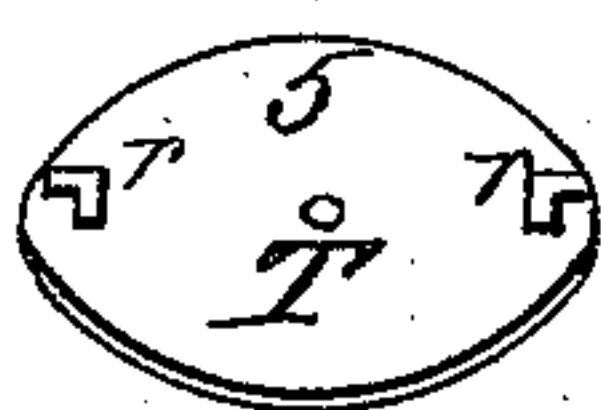
*Fig. 3*



*Fig 6*



*Fig. 5*





# UNITED STATES PATENT OFFICE.

SAMUEL B. KNIGHT, OF NORTH PROVIDENCE, RHODE ISLAND.

## METHOD OF CHALKING LINES.

Specification of Letters Patent No. 12,599, dated March 27, 1855.

*To all whom it may concern:*

Be it known that I, SAMUEL B. KNIGHT, of North Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in the Chalking of Lines; and I hereby declare the following to be a full and true description thereof, reference being had to the drawings herewith presented, which drawings constitute a part of said description.

The principle of my invention consists in using a vessel of pulverized chalk or other substance through which the line is drawn in order to saturate the line with chalk and at the same time to rub off all the superfluous portions by drawing it through the packing of leather L or rubber of other suitable material which is placed immediately within the head of the cylinder; by this means the line is filled more uniformly and with less care, time, and waste of material. For this purpose I construct a roll or spool (of sheet metal or other suitable substance) whose barrel is hollowed out sufficiently to contain the chalk-cylinder (C). See the drawing.

Figure 1 is a perspective view of the machine complete having the cylinder C inclosed. Fig. 2 is a longitudinal section of the same showing the line (W.) as it passes through the heads of the chalk-cylinder C and through the leathers (L and L.). Fig. 3 is a section of the cylinder taken out of the barrel.

Similar letters denote the same parts in the several figures.

The leather packing is secured to the head by the clasp seen at (a a.). the heads are secured in the cylinder by the small hooks

seen at (r r.) attached on the inside of the head (T.) and by passing them down through two notches in the rim (x.) seen at Fig. 6 (and which is soldered on the inside of the cylinder) and then turning them a quarter round locks the head by bringing the hooks under the opposite sides of the rim.

Fig. 5 is an oblique view of the head (T.) turned up in order to show the hooks (r, r.).

Fig. 4 is a top view of the head of the roll (H.) showing the valve (V.) attached to the head by its hinge (i.) and secured by the button (J.).

When I use the instrument I first fill the cylinder at (C.) with fine chalk and pass the line (W.) through both heads and the leathers shown by the dotted spaces L and L seen at Fig. 3. When the line is not in use it may be wound upon the roll in the usual way and the cylinder is placed in the barrel for the sake of compact stowage and the line remains in the cylinder ready for instant use.

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

The above described method of chalking a line by drawing it through the cylinder or other vessel containing the fine chalk and also through the rubber of leather or other compressible substance for the purpose and in manner substantially as set forth, and this I claim when used for chalk or other coloring material.

In testimony whereof I have to subscribe my name in presence of two witnesses.

SAMUEL B. KNIGHT.

Witnesses:

ALEXANDER MEGGETT,  
MATTHEW M. MEGGETT.