

No. 644,661.

Patented Mar. 6, 1900.

P. CHOCK.  
CHALK SHARPENER.

(Application filed Dec. 18, 1899.)

(No Model.)

Fig. 1.

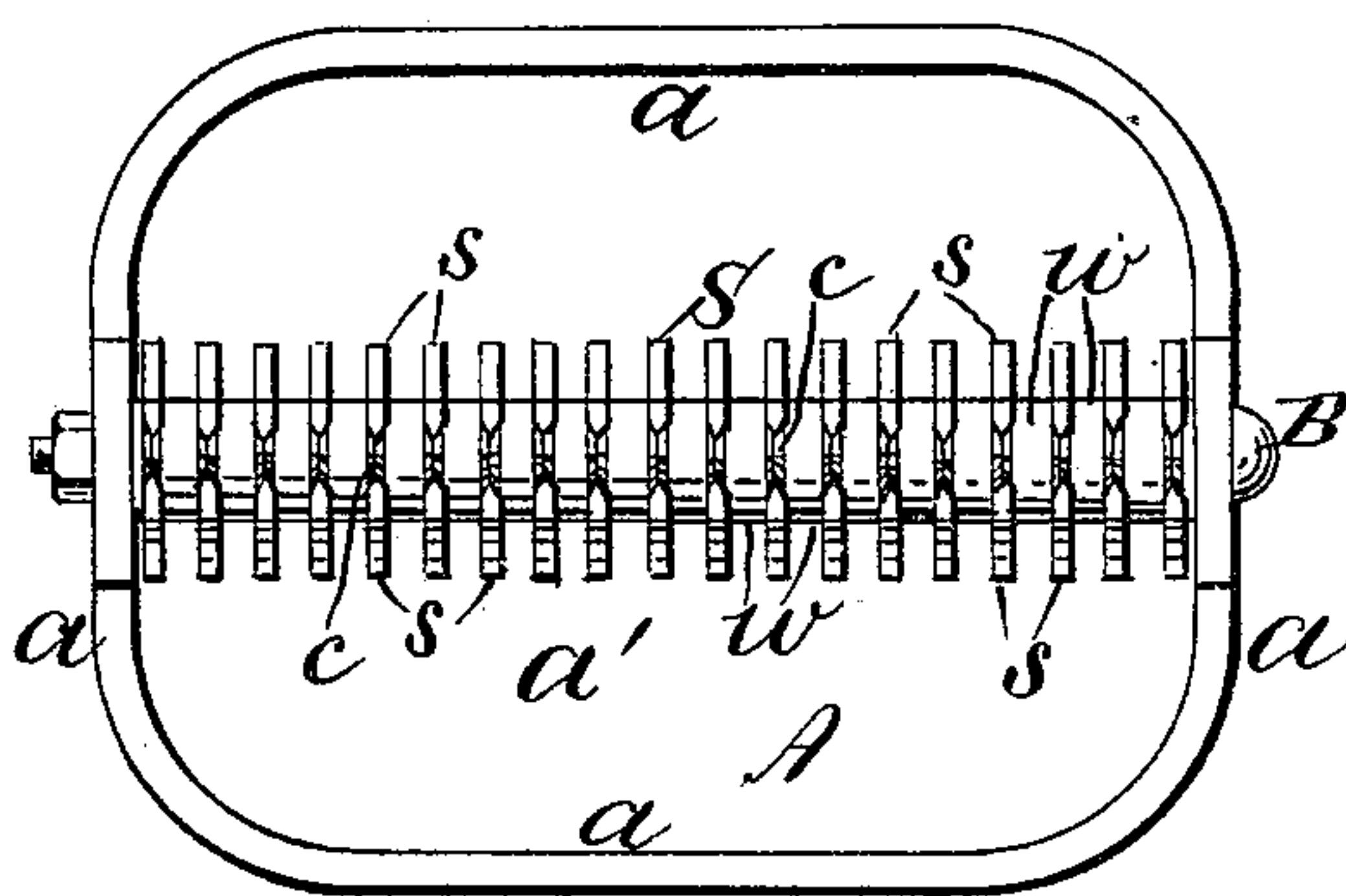


Fig. 2.

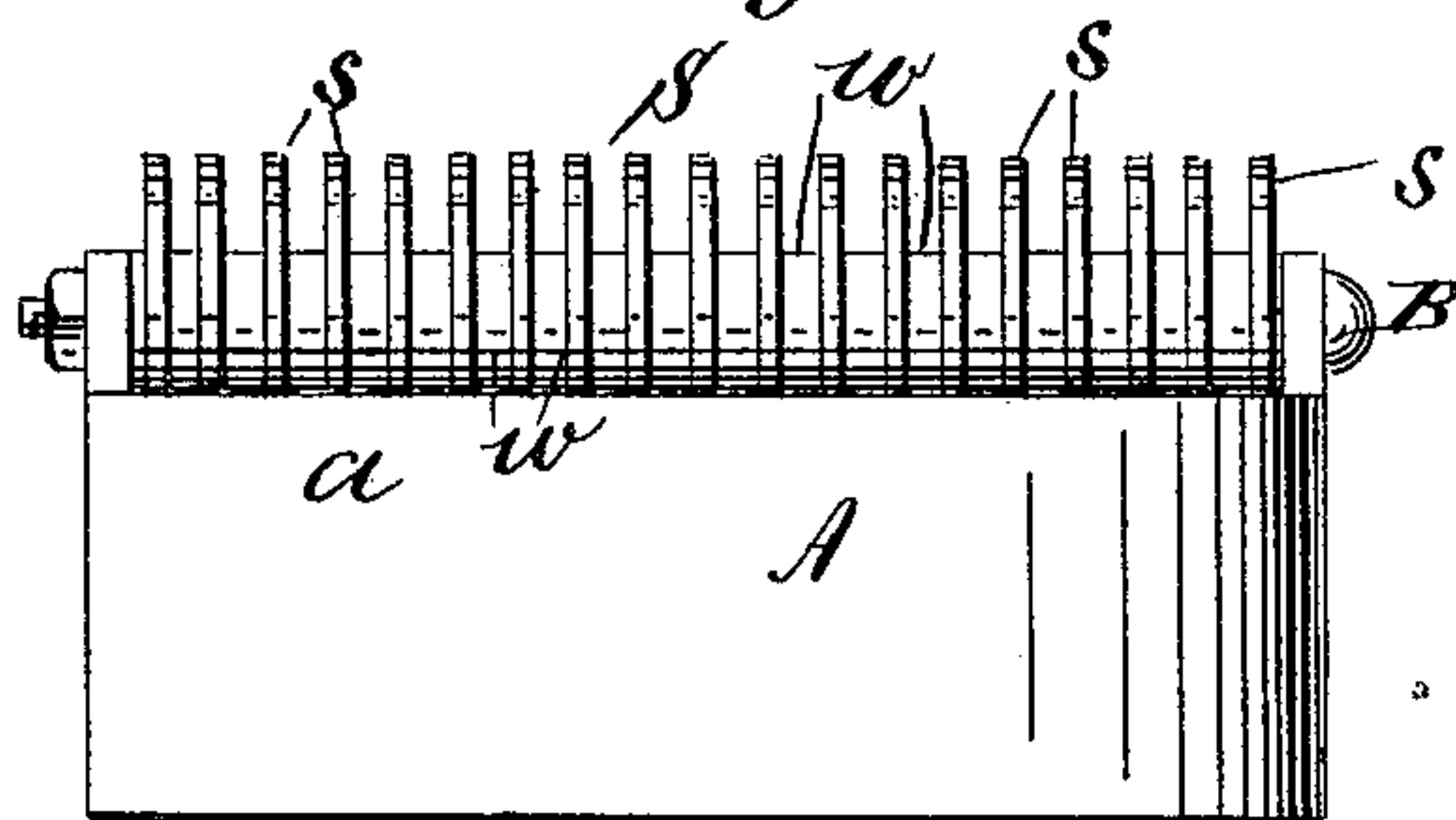


Fig. 6.

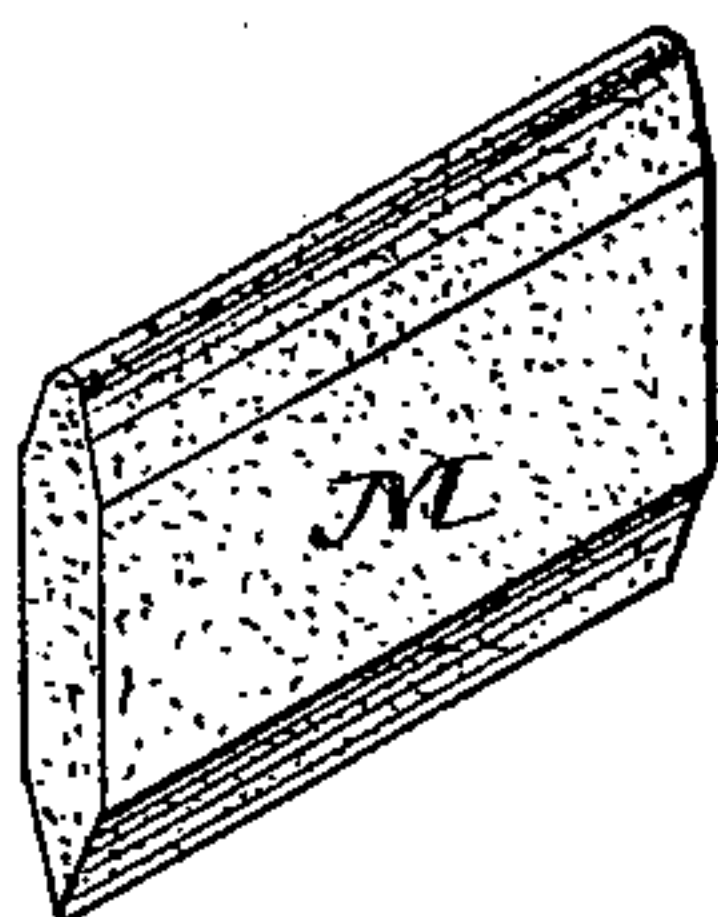


Fig. 3.

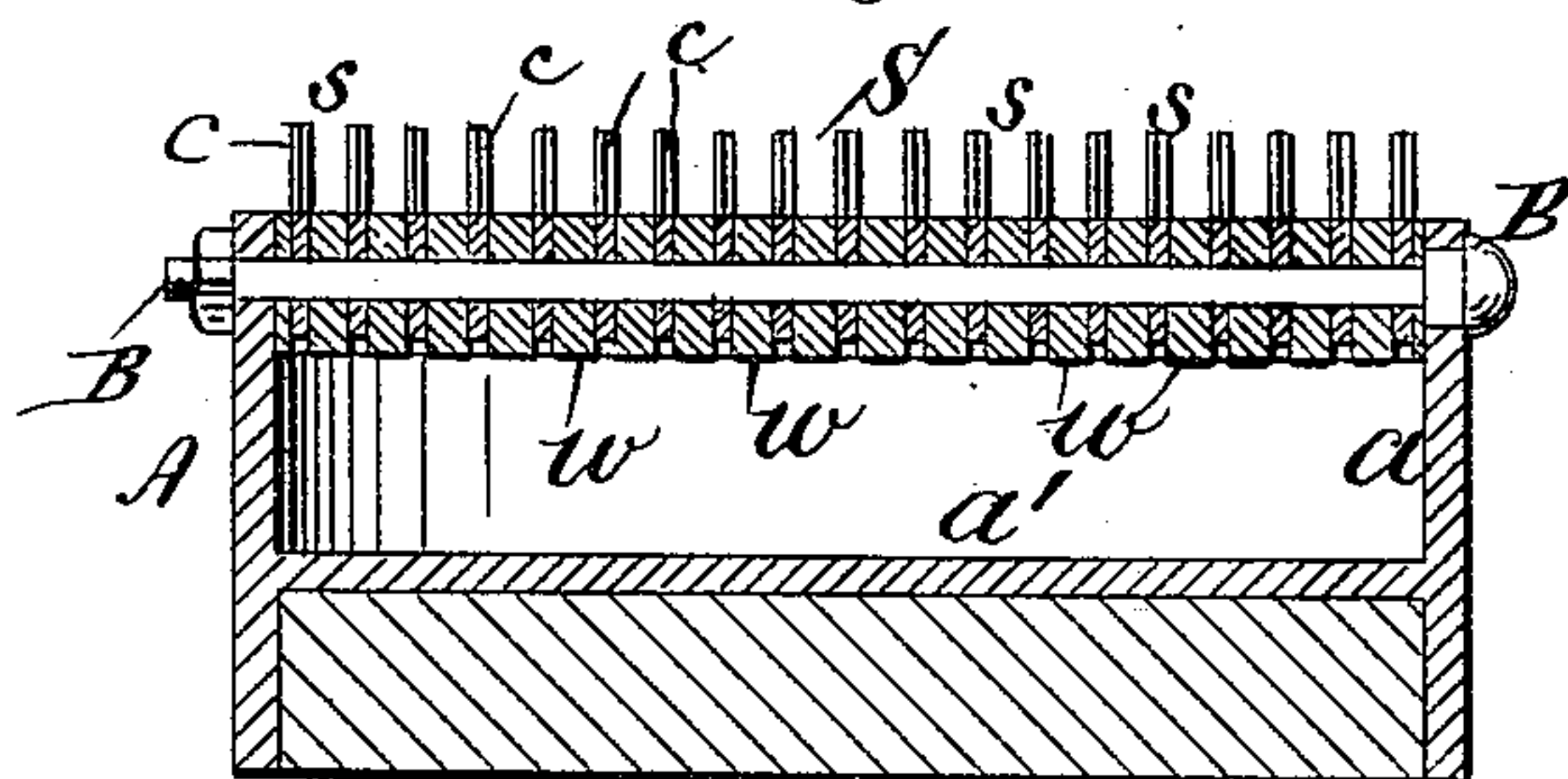
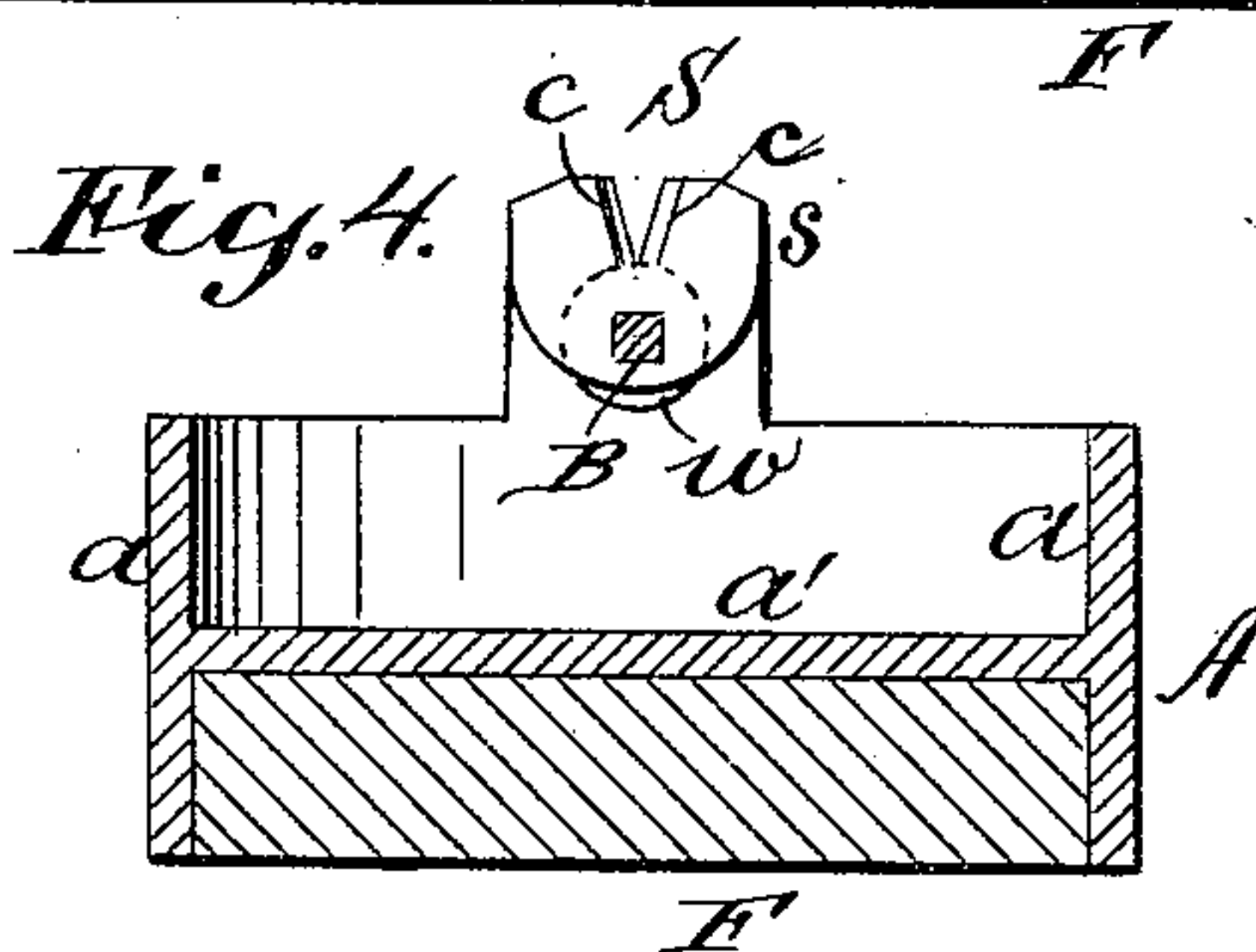
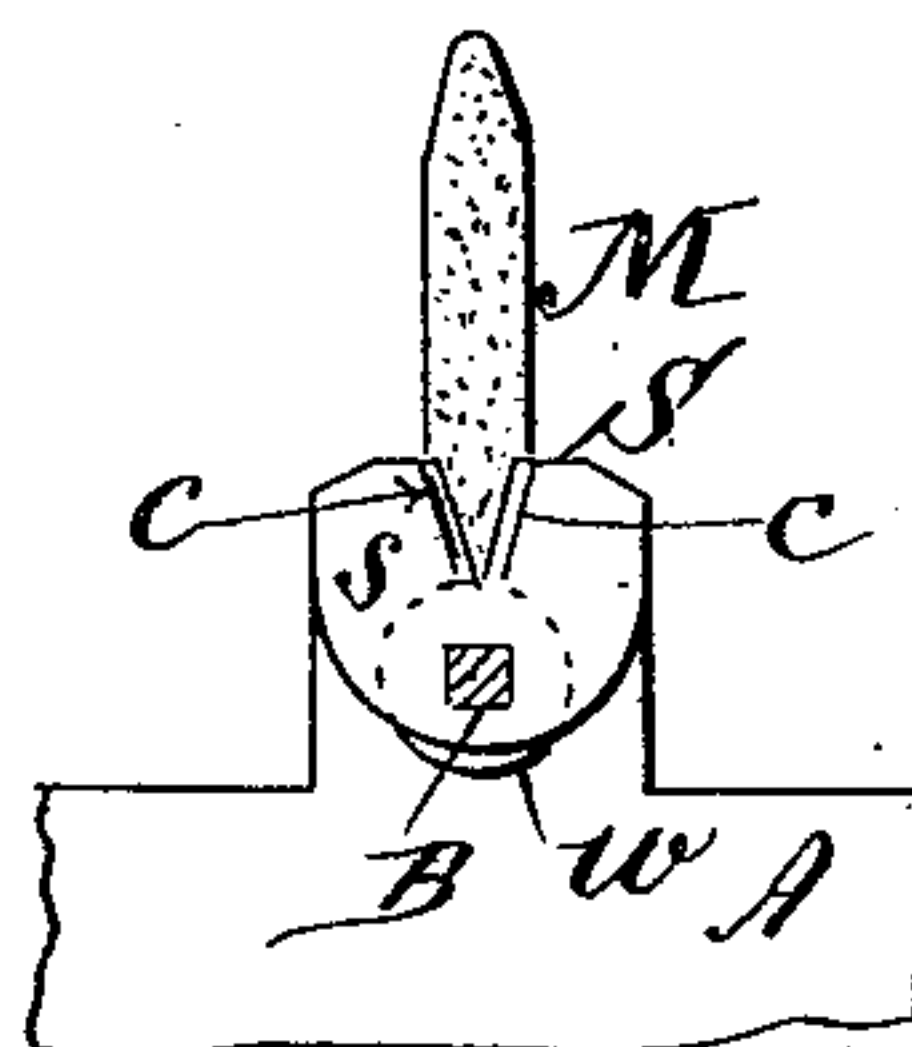


Fig. 5.



Witnesses:  
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Inventor:

Paulus Chock  
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# UNITED STATES PATENT OFFICE.

PINCUS CHOCK, OF NEW YORK, N. Y.

## CHALK-SHARPENER.

SPECIFICATION forming part of Letters Patent No. 644,661, dated March 6, 1900.

Application filed December 18, 1899. Serial No. 740,653. (No model.)

*To all whom it may concern:*

Be it known that I, PINCUS CHOCK, a citizen of the United States, residing at New York city, in the borough of Manhattan, in the county and State of New York, have invented certain new and useful Improvements in Chalk-Sharpeners, of which the following is a specification sufficient to enable others skilled in the art to which the invention appertains to make and use the same.

My invention relates to means for sharpening the "chalks" or markers used by tailors in outlining the parts of garments on the cloth from which they are to be made, &c. These markers are usually made of flat elongated pieces of soapstone or chalk or of chalk and wax combined. It has heretofore been the practice to sharpen them by hand by means of a knife or equivalent device, the resulting powder, chips, or shavings being allowed to fall to the floor. Since the material of which the markers are composed is in any case comparatively soft, smooth, and adhesive, so that the sharpened edge soon wears away and the marker has to be frequently resharpened, it results that the floor around the cutter's table soon becomes coated with the marking material, which is trodden under foot until it becomes slippery and inconvenient and even dangerous to walk upon. This is especially so where wax is combined with the chalk.

My invention is designed to obviate this difficulty and to afford a device especially adapted to the use of "cutters," which shall have a threefold function—namely, that of a sharpener by which the required edge may be quickly and conveniently produced upon a marker, of a stable and safe collector and holder for the powder, chips, or shavings severed from the marker, and of a weight for use in keeping the cloth in place. Hence the invention consists, essentially, in a combined sharpener, holder, and weight constructed and arranged substantially as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a plan of my device; Fig. 2, a side elevation thereof; Fig. 3, a vertical sectional elevation upon plane of line 3 3, Fig. 1; Fig. 4, a transverse vertical section taken upon plane of line 4 4, Fig. 1; Fig. 5, a sectional detail

illustrating the sharpening operation; Fig. 6, an isometrical view of a chalk marker.

The body of the device consists of or constitutes a tray or receptacle A, by and between the walls *a a* of which the sharpener S is supported, preferably, although said sharpener S may be otherwise supported above or within the receptacle A without departing from the spirit and intent of my invention in this respect, the essential feature being that the series of blades *s s* of which the sharpener is composed shall be so situated as to discharge the material severed from the markers onto the floor *a'* of said receptacle.

When the sharpener S is constructed as shown in the accompanying drawings, the cutter-blades *s s* are supported upon a bolt B, extending through the opposed end walls of the holder or receptacle A, said bolt B being square or of other polygonal form in cross-section to sustain the blades in alinement with each other, the latter being spaced by washers *w w* between them.

Each blade *s s* is formed with converging cutting edges *c c*, so that said edges collectively constitute practically a V-shaped groove, having lateral openings (formed by the washers *w w*) through which the material scraped off the markers may descend to the floor *a'* of the holder A.

The base of the receptacle or holder is made of sufficient weight to retain the device in an upright position under all conditions of ordinary use, so as to prevent the accidental displacement of the material dropped from the cutting edges *c c*. This counterweighting of the device may be accomplished by making the base itself relatively thick and heavy or by filling its under side with lead or other metal or heavy material, as the filling F. (Indicated in Figs. 3 and 4 of the drawings.)

The lower parts of the blades *s s* are curved or rounded, (see Fig. 4,) so that the fingers may be passed under the sharpener S, if desired, for the purpose of lifting or carrying it without danger or inconvenience.

In use the device is placed upon the cloth and used as a weight to retain the cloth in position upon the cutting-table. It is thus always in convenient position for use in resharpening or reforming the edges of the

markers M, the waste from which is collected within the body of the device and retained therein by reason of preponderance of weight at the base of the device until intentionally  
5 discharged therefrom. This counterweighting of the base of the device also performs another important function in that it resists and counteracts the strain created by drawing the chalk or marker over the cutting edges,  
10 so that the device need not be held by hand during the sharpening operation. Thus the operation of sharpening a chalk or marker may be performed much more quickly and conveniently than heretofore and without in-  
15 convenience or danger from the material removed. All this is accomplished by my special construction of a weight of ordinary use

upon the cutting-table, so that practically no additional implement is employed upon the table; but the one device performs the func- 20 tions of three—*i. e.*, a “chalk-sharpener,” a waste-holder, and a cloth-weight.

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

In a device for tailors' use substantially as 25 described the combination of the receptacle A, the bolt B, the cutter-blades *s, s*, formed with the V-shaped cutting edges *c, c*, and the washers *w, w*, for the purpose and substantially as set forth.

PINCUS CHOCK.

Witnesses:

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