

No. 747,497.

PATENTED DEC. 22, 1903.

F. J. STANLEY.
SELF CHALKING LINE.

APPLICATION FILED AUG. 1, 1903.

NO MODEL.

Fig.1.

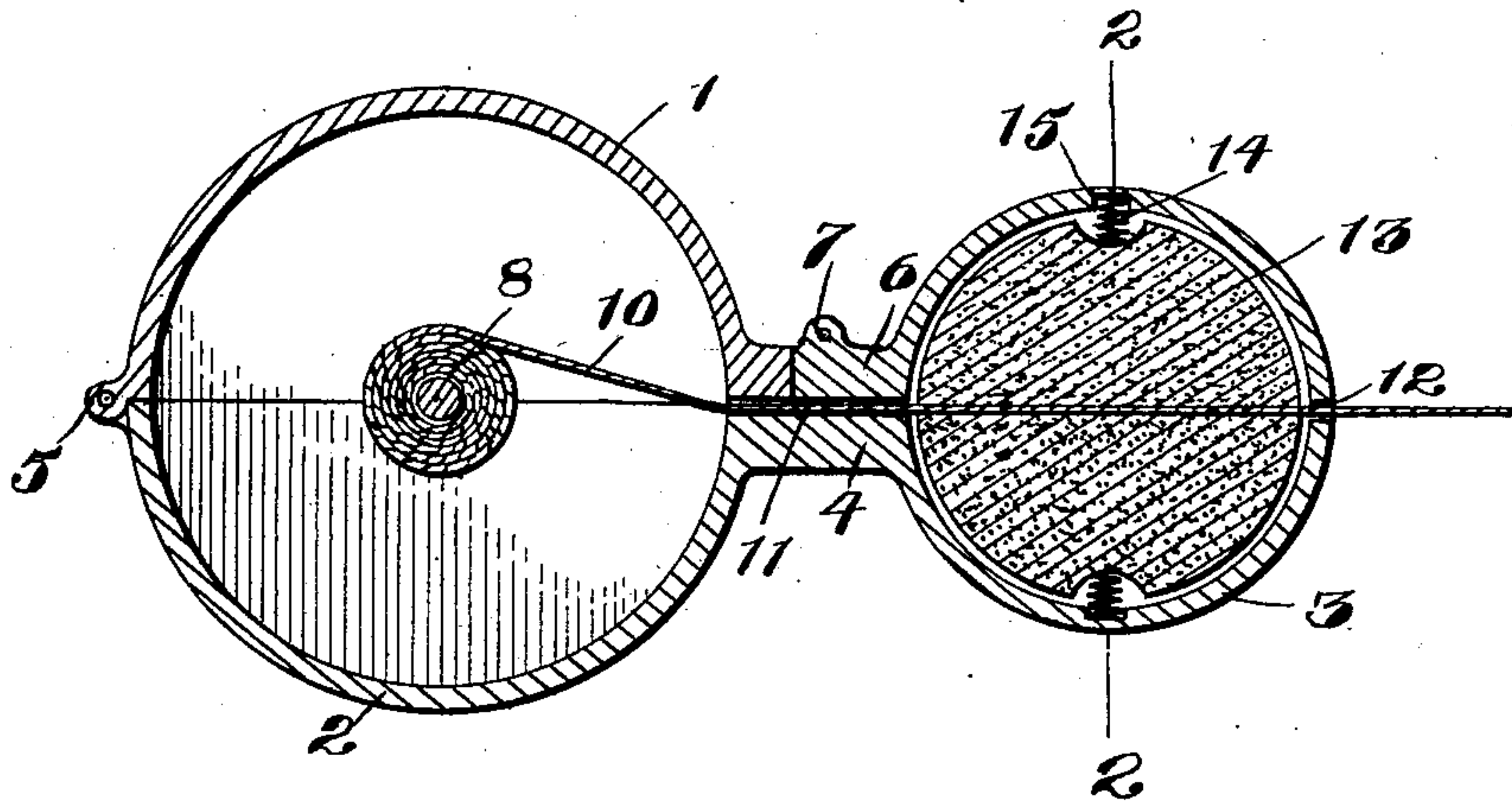


Fig: 2.

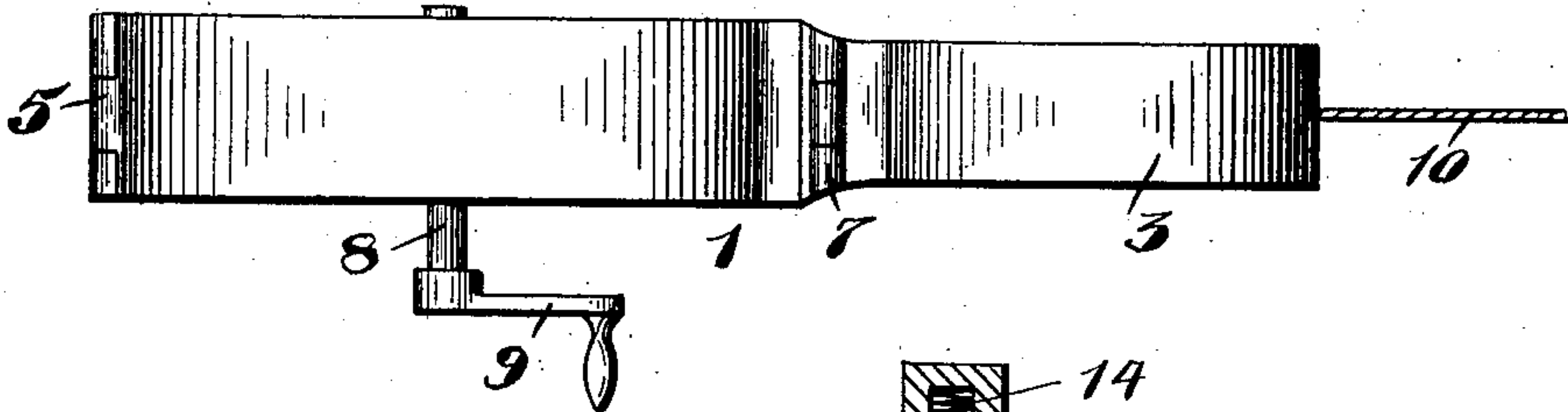
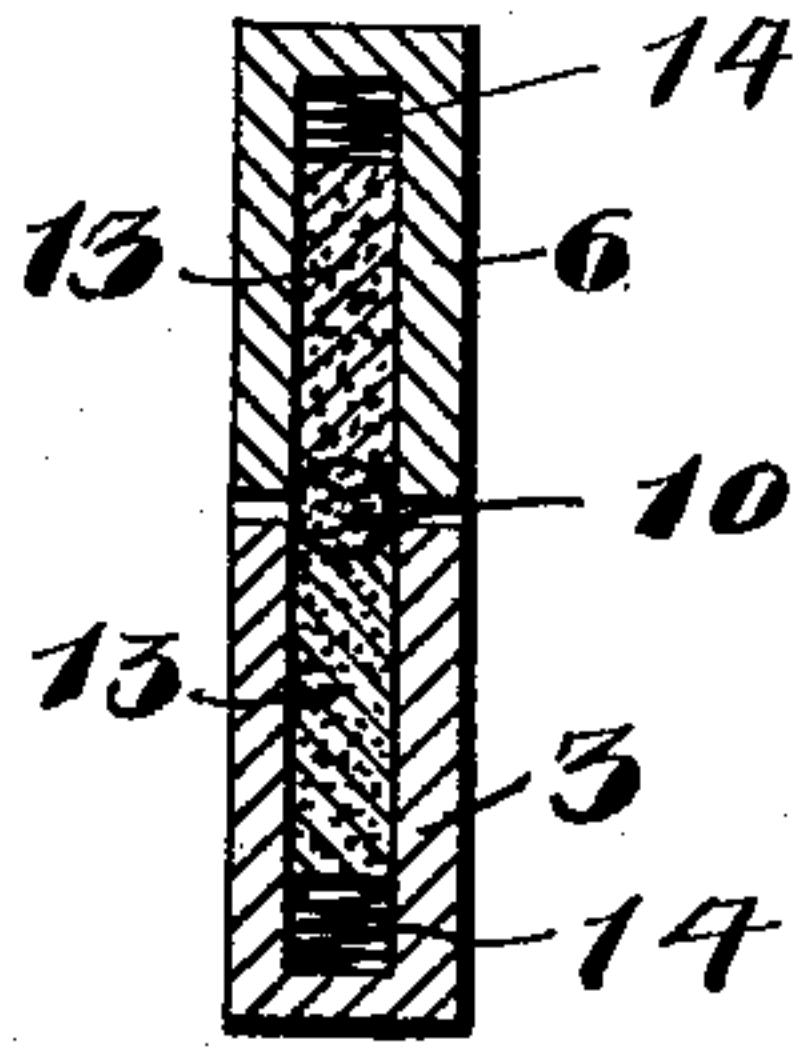


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

FRANK J. STANLEY, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO MAX HELLER, OF PHILADELPHIA, PENNSYLVANIA.

SELF-CHALKING LINE.

SPECIFICATION forming part of Letters Patent No. 747,497, dated December 22, 1903.

Application filed August 1, 1903. Serial No. 167,905. (No model.)

To all whom it may concern:

Be it known that I, FRANK J. STANLEY, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Self-Chalking Lines, of which the following is a specification.

My invention relates to an improvement in chalk-holders.

The object of my invention is to provide a chalk-holder in which the cakes of chalk are of substantially the same width as the diameter of the cord to facilitate the entire consumption of the chalk.

Another object lies in the positive means for feeding the cakes of chalk against the cord.

Still another feature resides in so arranging the holder that it may be readily opened to renew the cakes of chalk and that access may be had to the cord.

Finally, the object of my invention is to provide a device of the character described which will be strong, durable, and efficient and simple and comparatively inexpensive to make.

With the above and other objects in view the invention consists in the novel details of construction and operation, a preferable embodiment of which is described in the specification and illustrated in the drawings, in which—

Figure 1 is a longitudinal sectional view of the holder. Fig. 2 is a top plan view, and Fig. 3 is a transverse sectional view taken on the line 2 2 of Fig. 1.

In the drawings the numeral 1 designates the holder, which may be of any suitable material and is composed of two chambers—2, the cord-chamber, and 3, the chalk-chamber. The chambers are each formed of two sections, the bottom section of each being connected by an integral neck 4. The upper section or lid of the chamber 2 is hinged to the bottom at 5, while the upper section or lid of the chalk-chamber 3 is formed with an extension 6, by which it is hinged to the neck 5 at 7. A shaft 8 passes through the chamber 2 and is provided with a crank 9, by which the

cord 10, suitably fastened to the said shaft, may be wound thereon. The cord 10 passes through a channel in the neck 4 and through the chamber 3 and out thereof by an aperture 12.

Disposed in the chamber 3 are two semi-circular cakes of chalk 13, held against the cord 10 by coiled springs 14, seated in recesses 15, formed in the sections of the chamber.

It will be readily understood by observing Fig. 3 that the cakes of chalk 13 are of substantially the same width as the diameter of the cord, thus assuring an even consumption of the chalk with no waste.

As the chalk is consumed by being passed between the adjacent ends of the cakes for chalking the cord it is fed toward the cord by the expansion of the springs 14.

I do not wish to limit myself to the exact details of construction and operation herein set forth, as I may make various changes in the same without departing from the spirit of the invention.

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

1. In a device of the character described, a holder having two chambers, a cord wound in one of the chambers and passed through the other chamber, and cakes of chalk of substantially the same width as the diameter of the cord arranged in one of said chambers and impinging the cord, substantially as described.

2. In a device of the character described, a holder having two chambers provided with hinged lids, a cord wound in one of the chambers and passed through the other chamber, cakes of chalk of substantially the same width as the diameter of the cord arranged in one of the said chambers and impinging the cord, springs arranged in the chalk-chamber to positively feed the cakes of chalk against the cord, substantially as described.

3. In a device of the character described, a holder having two chambers connected by an integral neck and provided with hinged lids, a shaft extending through one of the chambers, a cord wound upon the shaft and passing through a channel in the neck and through

the other chamber, cakes of chalk of substantially the same width as the diameter of the cord arranged in one of the chambers and impinging the cord, and coiled springs seated
5 in the chalk-chamber and impinging the cakes to feed them against the cord, substantially as described.

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

FRANK J. STANLEY.

Witnesses:

JAMES F. CONATY,
CHAS. B. CLARKE, Jr.