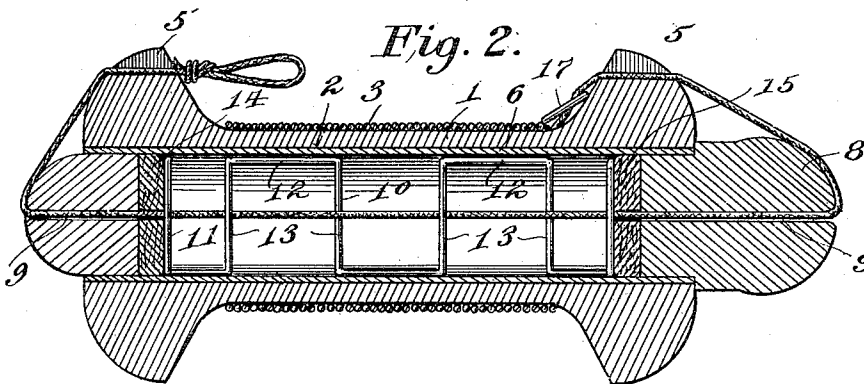
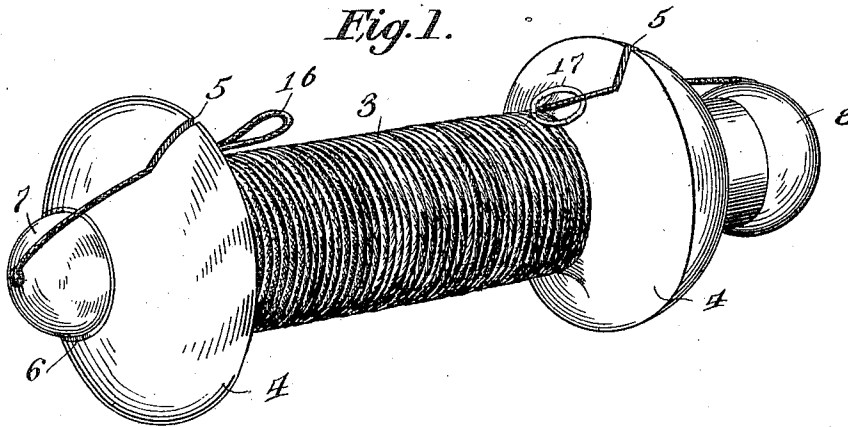


C. P. HOOVER.
CHALK LINE HOLDER.
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CORNEALUS P. HOOVER, OF HARTFORD, KANSAS.

CHALK-LINE HOLDER.

986,171.

Specification of Letters Patent.

Patented Mar. 7, 1911.

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To all whom it may concern:

Be it known that I, CORNEALUS P. HOOVER, a citizen of the United States of America, residing at Hartford, in the county of Lyon and State of Kansas, have invented new and useful Improvements in Chalk-Line Holders, of which the following is a specification.

This invention relates to chalk line holders, the object of the invention being to provide an improved article of this character onto which the chalk line may be wound and to provide an effective chalk receptacle constructed to permit the passage of the line thereto to chalk the same in an efficient manner.

Another object of the invention is to provide the chalk receptacle with a retarding element over which the line is designed to travel, the said retarding element through its engagement with the line offering thereto in its movement sufficient resistance to prevent unwinding of the line too rapidly from the support, the said retarding element also acting as a regulating means to control the feed of chalk onto the line.

Another object of the invention is to provide felt or elastic like washers at the apertured ends of the chalk receptacle and to construct the said regulating and retarding element so as to bear against the said elastic disks to hold them closed against the ends of the receptacle to prevent the accidental discharge of the chalk from the said apertured end.

In the drawing, forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views:—

Figure 1 is a perspective view of my improved line holder. Fig. 2 is a longitudinal section therethrough.

The line holder comprises a substantially spool-like member 1 which is provided with a longitudinal passage 2, as shown. The member 1 is constructed to permit the cord 3 to be wound thereon as shown particularly in Fig. 1 of the drawing. The member 1 is provided at its ends with heads or guards 4, each of which being provided with a kerf 5 for a purpose to be hereinafter described.

A receptacle 6 is mounted in the passage 2 in the member 1, and as illustrated, it is provided at one end with a fixed plug 7 and at its opposite end with a removable plug 8. The plugs are provided with alining pas-

sages 9, as shown. A combined regulating and retarding element 10 is located in the receptacle 6 and as illustrated, it consists preferably of a spring-like member which is formed to provide the looped end portions 11 and the intermediate substantially U-shaped portions 12. The construction of the portions 12 is such that radial retarding arms 13 are provided and disposed in line with the passages 9 in the plugs of the receptacle. An apertured felt or suitable elastic disk 14 bears against the inner end of the plug 7 and a similar disk 15 bears against the inner end of the plug 8. The elasticity of the retarding and regulating element is such that the ends 12 bear against the disks 14 and 15 to hold them tight against the plugs 7 and 8 to prevent the chalk from lodging behind the disks and from escaping into the passages 9. The cord 3, as shown in Fig. 1 of the drawing, extends through the kerf 5 in one head of the support 1 and through the plugs 7 and 8 and the receptacle 6. The free terminal of the cord is formed to provide a loop 16, and as illustrated, the free terminal of the cord may be confined in the kerf 5 in the opposite head of the support 1 to hold the cord against unwinding when the holder is not in use. A ring 17 is mounted on the cord and is disposed inwardly of one of the heads 4 of the holder so as to permit the convenient manipulation of the cord when it is desired to remove the same from the kerf 5 in that head adjacent to the plug 8. The cord may be threaded through one or more of the intermediate loops of the said retarding and regulating element so as to prevent the superfluous appearance of the chalk to the line. The arms 13 of the intermediate loops also serve to bear with sufficient friction against the cord to prevent a too rapid unwinding of the same from the holder.

I claim:

1. A chalk line holder comprising a supporting member for the line, the line having one of its terminal ends extending through the supporting member, the said supporting member having a chamber formed therein through which the line can be drawn, apertured closures at the ends of the chamber, apertured elastic disks fitting against the apertured ends of the chamber, and a retarding element of springy material rotating in the chamber and frictionally contacting with the line and having its end portions

bearing against the elastic disks to hold them against the said apertured ends of the chamber.

2. A chalk line holder comprising a spool-
5 like supporting member for the line, the said
member having a chalk containing chamber
therein, apertured plugs closing the ends of
the chamber, a line carried by the support
and having one of its end portions extended
10 through the said apertured plugs and
through the chamber, the said supporting

member having retaining kerfs therein, the
said line having portions removably en-
gaged in the kerfs to prevent unwinding of
the line from the supporting member. 15

In testimony whereof I affix my signa-
ture in presence of two witnesses.

CORNEALUS P. HOOVER.

Witnesses:

JOHN HAMMOND,

W. S. COOLEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
