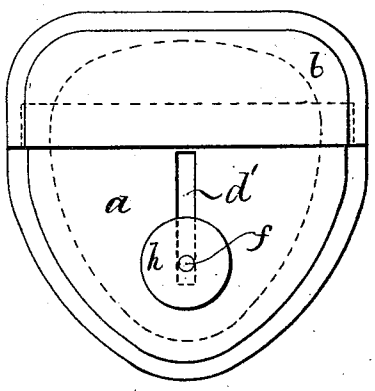
(No Model.)

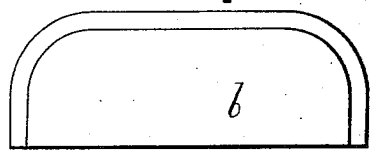
A. SMITH & J. BARKER.

HOLDER FOR TAILORS' CHALK.

No. 558,318. Patented Apr. 14, 1896.

FIG. 1





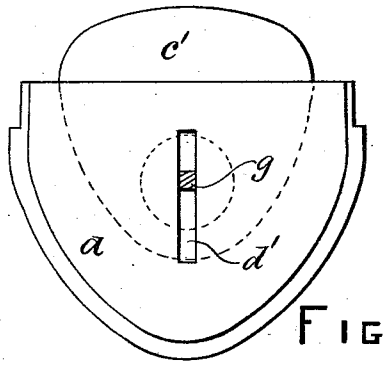


FIG. 3

FIG. 2

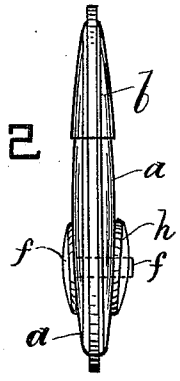
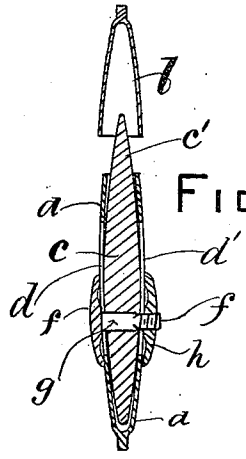


FIG. 4



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UNITED STATES PATENT OFFICE.

ARTHUR SMITH, OF SUTTON MILL, AND JOSHUA BARKER, OF CROSSHILLS, ENGLAND.

HOLDER FOR TAILORS' CHALK.

SPECIFICATION forming part of Letters Patent No. 558,318, dated April 14, 1896.

Application filed November 23, 1894. Serial No. 529,765. (No model.)

To all whom it may concern:

Be it known that we, ARTHUR SMITH, residing at Sutton Mill, and JOSHUA BARKER, residing at Crosshills, near Keighley, in the county of York, England, subjects of the Queen of Great Britain, have invented a new and useful Holder for Tailors' Chalk, of which the following is a specification.

As is well known, the chalk used by tailors, dressmakers, and others having to mark cloth for their guidance in cutting and otherwise dealing with same is a substance that can readily be removed from such cloth or fabric after it has answered its purposes. However, such chalk or substance having these desired properties is very brittle and readily breaks and is worn or wasted by the user when carrying same in his pocket or when using it, and to provide a holder that shall retain such substance or chalk in a desirable manner and yet freely allow its use for all ordinary purposes is the object of this invention.

To the above end the invention consists in the construction and combination of parts recited in the appended claim.

The drawings which accompany and form part of this specification illustrate an embodiment of the invention.

Figures 1 and 2 are respectively side elevation and edge view of our improved form of case and parts in connection therewith, the chalk contained by same being shown in broken lines, Fig. 1. Fig. 3 is a similar view to Fig. 1, but shows the cover of the case removed and the chalk, although lessened by use, yet arranged to extend beyond the case, as desired. Fig. 4 is a sectional elevation of the case with cover partly removed.

The case *a* is made of a shape conforming to the shape of that part of the piece of chalk fitting within it, and as the form of the pieces of chalk shown by the accompanying sheet of drawings is the one most commonly and preferably used we have only shown our improved case as being of this form. This case *a* has a lid or cover *b* to fit over it and cover such part *c'* of the piece of chalk *c* as may extend beyond the case *a*, while in the walls of said case *a* are formed slots *d d'*, through which passes the bolt having the concavo-convex head *f*, and the part *g*, which passes through the slot *d*, square or rectangular in cross-section in order to prevent said bolt from revolving when its concavo-convex nut *h* is tightened or screwed thereon.

The bolt in passing through the case *a* is arranged to pass through a hole made in the piece of chalk *c*, so that on this bolt being made to tightly grip the case *a* by the tightening or screwing of its nut *h* said piece of chalk *c* is firmly held within the said case *a*, no matter whether it should nearly fill same, as is shown by Fig. 1, or whether it should only partly do so, as when it becomes worn by use and as shown by Fig. 3, and at any position that such piece of chalk *c* may assume within said case *a* said bolt will firmly hold it as desired, the slots *d d'* being made in the case *a* so that said bolt might slide within them, as from the position it occupies in Fig. 1 to that which it occupies in Fig. 3, instead of such slots being made in the chalk, since should a slot be formed in the chalk it would be thereby weakened, and consequently more liable to be broken.

The cross-sectional shape of the case is to be particularly noted, the walls of the same tapering or converging from the middle toward the margin, as clearly shown in Fig. 4. By reason of thus making the case thinnest at the marginal portions and thickest at the middle an extended bearing of the walls against the chalk is obtained, which obviates breaking up of the chalk. This is of considerable importance, inasmuch as the chalk is very brittle. It will be apparent that this tapering of the walls produces a more extended bearing of them against the chalk than if they were normally parallel. In furtherance of this object the bolt-head and nut are made concavo-convex, so as to bring their marginal portions to bear against the casing and remove the points of immediate clamping pressure from close proximity to the hole in the chalk, where there would be greater danger of breakage of the latter.

The case and its cover may be made of any suitable substance; but preferably we employ metal or celluloid, since a desirable resilience is afforded by these substances that enables the one to firmly fit the other, while

they will bend to allow the application or displacement of their contents.

We are aware that instead of slots *d d'* series of holes or openings may be formed in the walls of the case *a*. However, any alteration of the adjustment of the piece of chalk therein would entail the displacing of the bolt from one of such holes and its insertion into another. Hence we prefer the slotted form.

This being the nature and object of our invention, what we claim is—

A chalk-holder comprising a flattened casing open at one side, the walls of said casing converging or tapering from the middle toward the margin in the closed portion of the casing and being formed with oppositely-located apertures; a bolt passing through said apertures and designed to pass through an opening made for it in the chalk, said bolt having a concavo-convex head to bear with its marginal portion against the exterior of the casing on one side; and a concavo-convex nut screwing onto the end of the bolt and bearing with its marginal portion against the exterior of the opposite side of the casing, all arranged substantially as and for the purpose described.

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