

(No Model.)

D. JENNINGS.

CHALK HOLDER.

No. 331,139.

Patented Nov. 24, 1885.

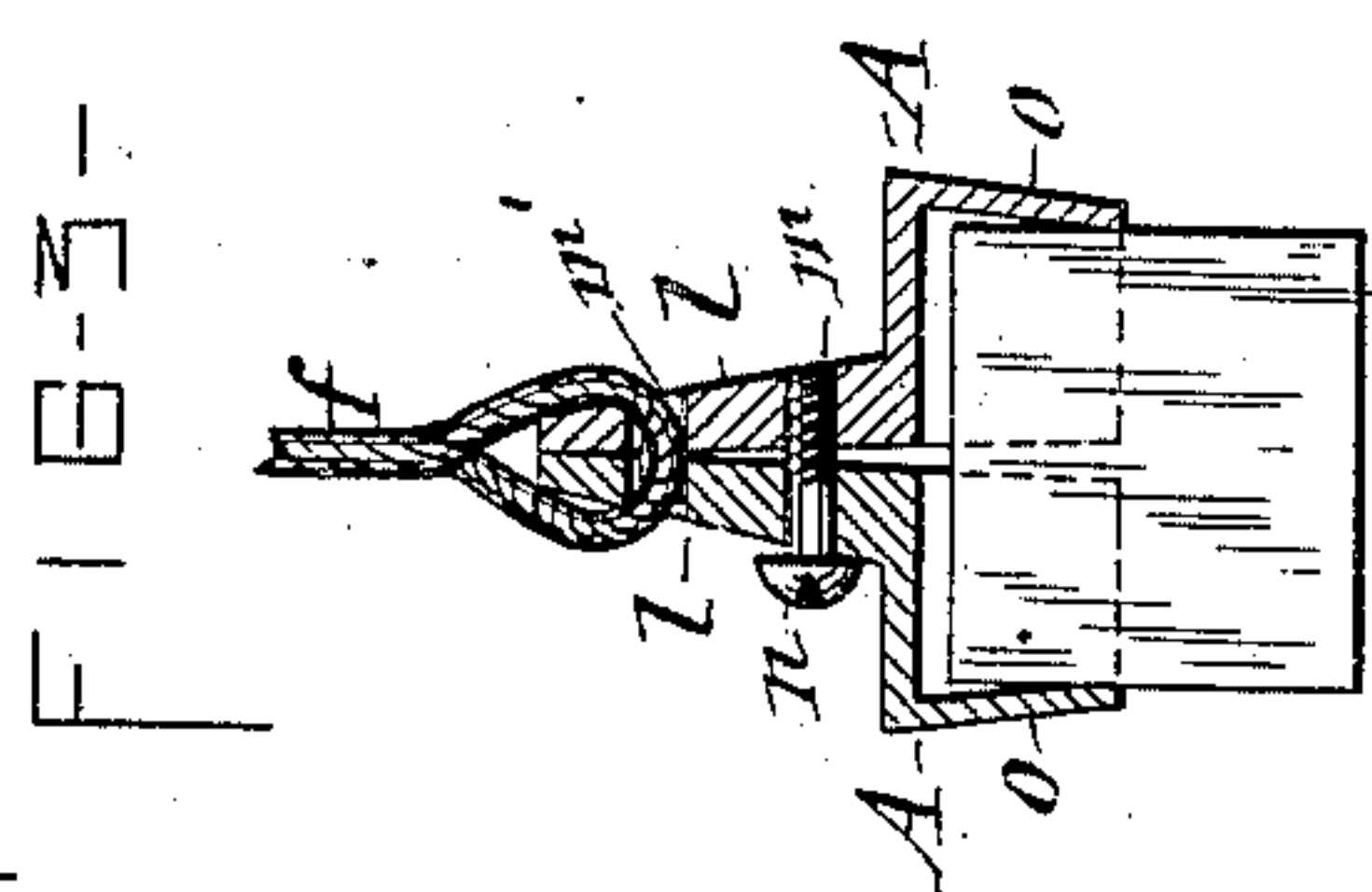
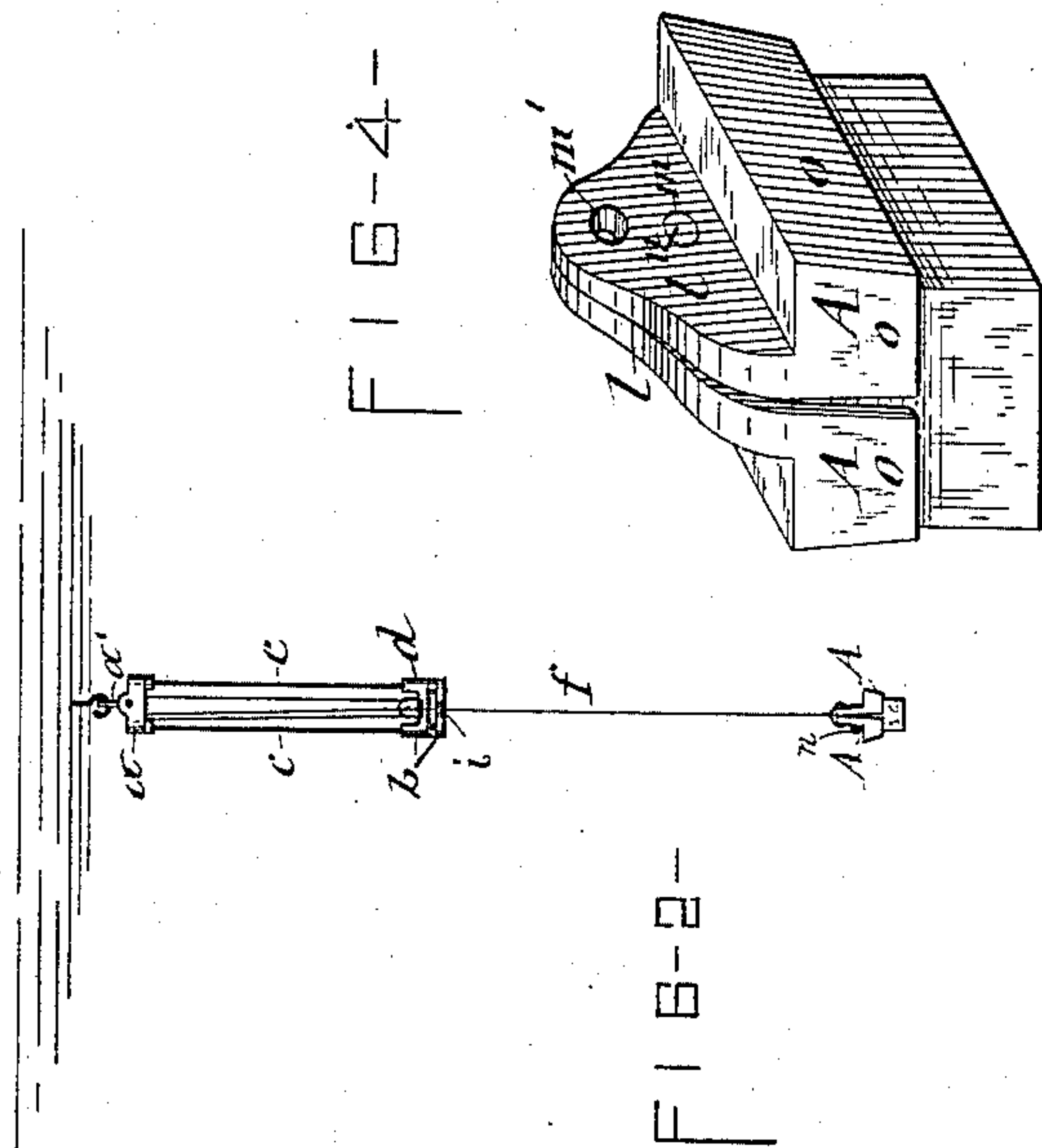
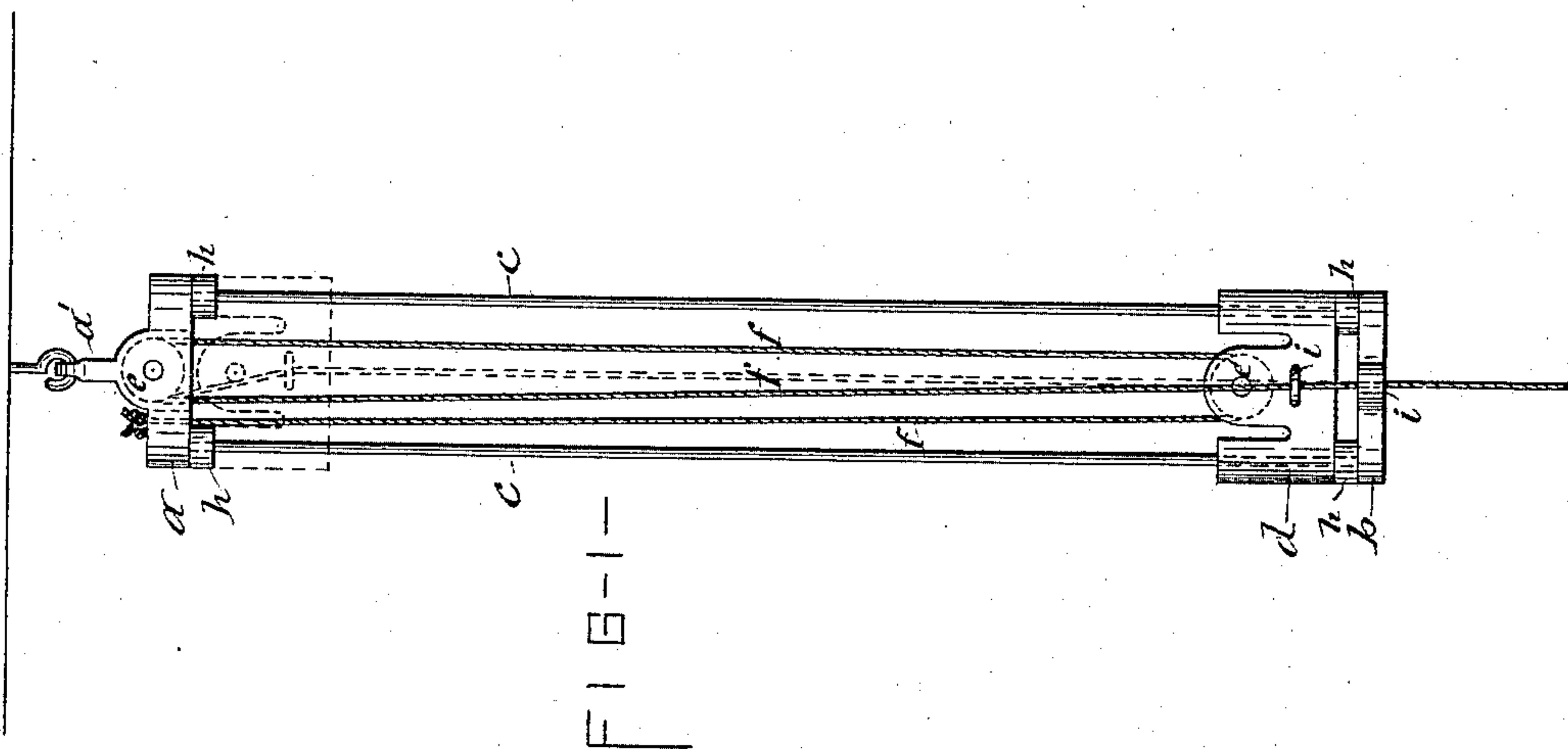
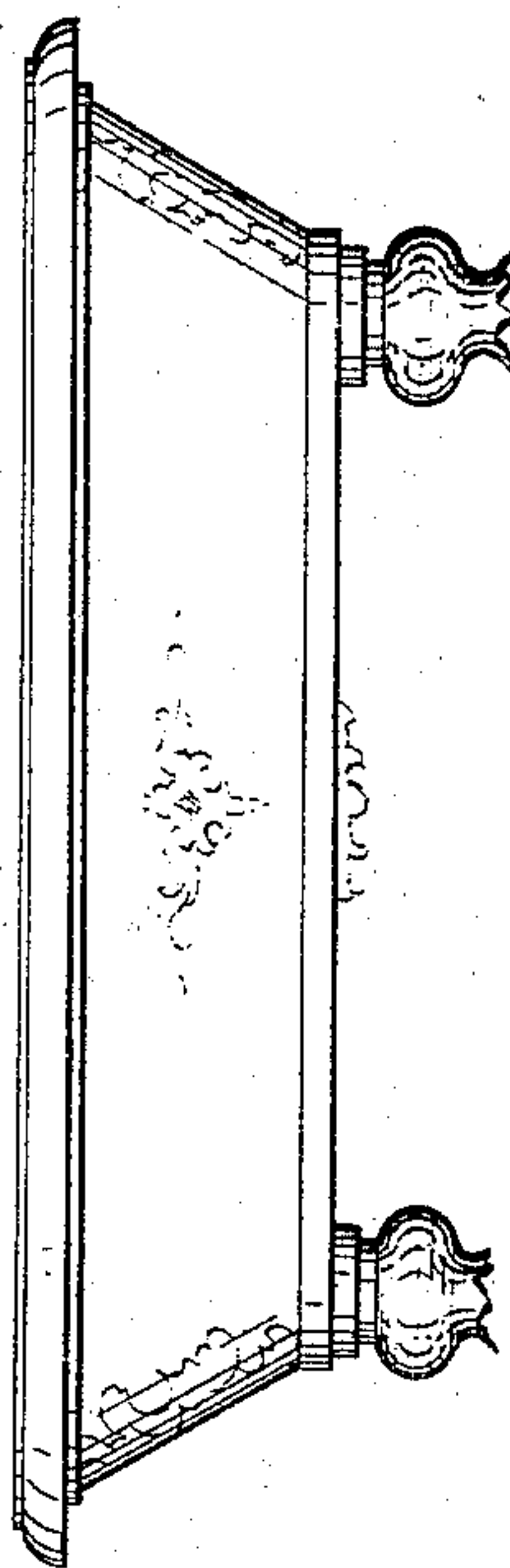
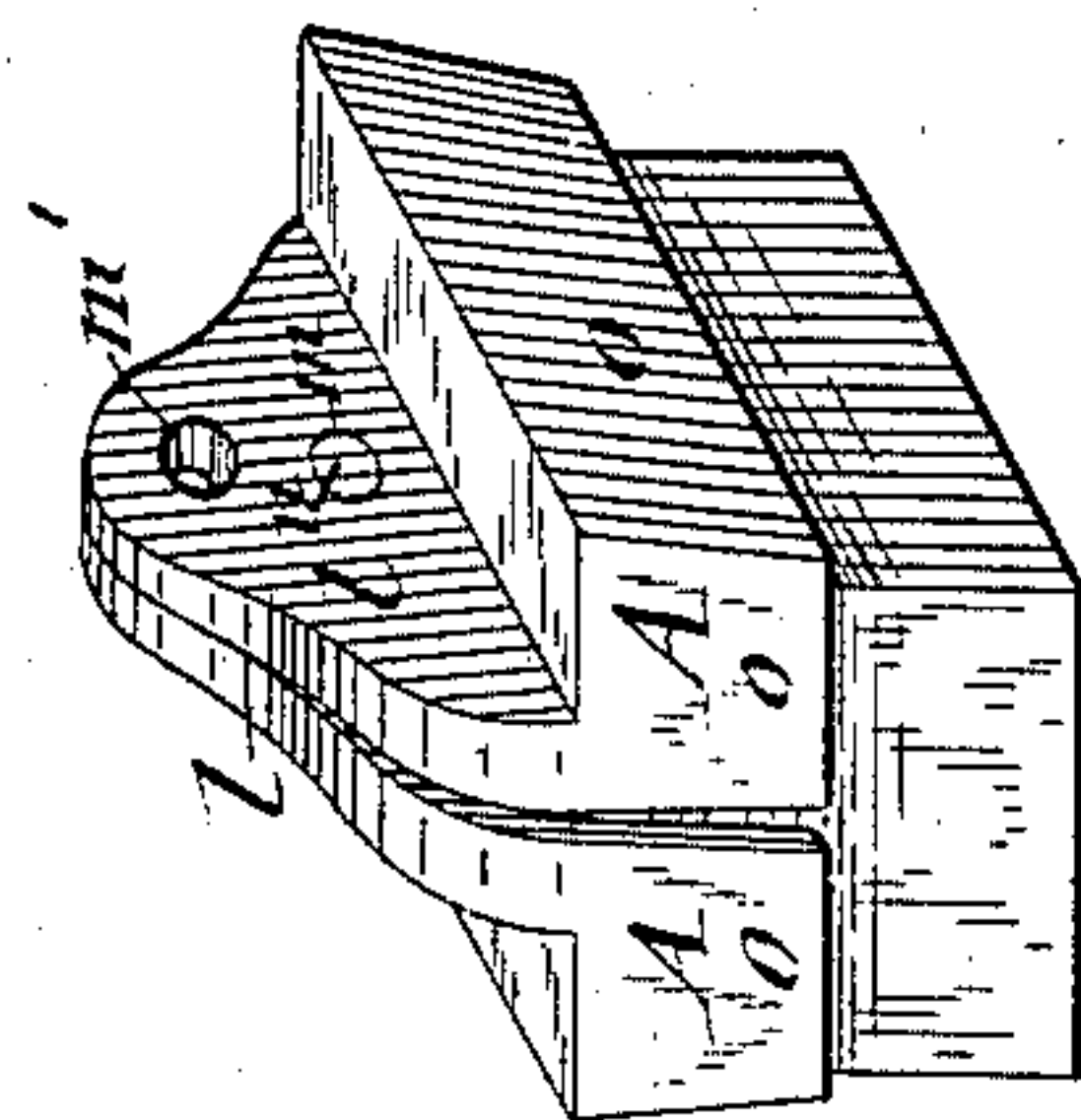


FIG-4-



ATTEST-

E. Raymond

E. C. Cannon

INVENTOR-

David Jennings

per H. W. L. & Co.

his Atty

UNITED STATES PATENT OFFICE.

DAVID JENNINGS, OF LYONS, NEW YORK.

CHALK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 331,139, dated November 24, 1885.

Application filed May 4, 1885. Serial No. 164,326. (No model.)

To all whom it may concern:

Be it known that I, DAVID JENNINGS, of Lyons, in the county of Wayne, in the State of New York, have invented new and useful Improvements in Chalk-Holders, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention consists, first, in a novel and simple construction of a chalk-holder which can be manufactured at comparatively little expense, and is very convenient in its use; and the invention consists, secondly, in a novel device for suspending said chalk-holder in a convenient position for access by billiard-players, all as hereinafter more fully described, and specifically set forth in the claims.

In the annexed drawings, Figure 1 is an elevation of the chalk-holder-suspending device. Fig. 2 is a view illustrating its application for use by billiard-players. Fig. 3 is a transverse section of the chalk-holder with the chalk attached thereto, and Fig. 4 is an isometric view of the same.

Similar letters of reference indicate corresponding parts.

A A represent the two chief components of the chalk-holder, said parts consisting of metal plates, each of which has flanges *o o o* projecting from three of its edges and at an angle slightly less than ninety degrees from the plane of the plate. Each of the components of the chalk-holder thus forms nearly or quite one-half of a cup produced by placing said parts side by side, with the edges which are deprived of flanges adjacent to each other, as illustrated in Fig. 4 of the drawings. From these adjacent edges of said half-cups project handles *l l*, which are each provided with two eyes, *m m'*. The lower eye, *m*, of one of said handles is screw-threaded, and through the corresponding eye *m* of the other handle is inserted a screw, *n*, which engages the screw-threaded eye and serves to draw the two half-cups A A together, so as to clamp the chalk within the cup, as illustrated in Fig. 3 of the drawings. Through the other eyes, *m'*, of the handles passes the end of the cord *f*, which is attached thereto, and by which it is suspended. The suspending device consists of a head-block, *a*, which is provided with a bail or an eye, *a'*, by which to hang it on a hook

fastened either to the ceiling over the billiard-table, as shown in Fig. 2 of the drawings, or in some other suitable position near the table. From said head-block depend two guide-rods, *c c*, to the lower extremities of which is attached a foot-block, *b*, which is stationary on said rod, and thus held at uniform distance from the head-block. On said guide-rods slides longitudinally a block, *d*. On the head-block *a* and block or slide *d* are pivoted, respectively, two sheaves, *e* and *e'*, and to the head-block is attached one end of the cord *f*, which is extended thence around the sheave *e'* of the slide *d*, thence around the sheave *e* of the head-block, and thence through eyes *i i*, respectively on the slide *d* and foot-block *b*. To the pendent free end of the cord *f* is attached the chalk-holder hereinbefore described.

In order to relieve the suspending device from jars, I place upon the foot-block *b* cushions *h h*, of rubber or other elastic material, and preferably apply them to the foot of the guide-rods *c c*, as shown. If desired, another set of cushions *h h* may be applied to the head-block *a* in a similar manner.

In drawing the chalk-holder over to the side of the billiard-table, when desired for use, the draft on the cord *f* draws up the slide *d*, which is of sufficient weight to act as a counter-weight to the chalk-holder and chalk, so that as soon as the chalk-holder is released by the user the said counter-weight will descend by gravity, and thereby automatically retract the cord and restore the chalk-holder to the position of rest, as represented in Fig. 1 of the drawings.

The object of employing two sheaves, *e e'*, is to reduce the travel of the slide *d* in ratio to the travel of the cord *f* when drawn out, thus also reducing the length of the suspending device.

I am aware that it is quite common to suspend lamps from chains running over pulleys and to counterbalance such lamps; hence I do not claim, broadly, a chalk-suspending device comprising said elements.

It will be observed that my improved chalk-suspender constitutes a light and slender frame which can be suspended in any desired position, and is allowed to swing in any direction in which the chalk-suspending line may be

drawn by the user of the chalk, and by running the cord *f* between the stationary guide-rods *c c* and through eyes in the slide and in the foot-block held stationary on the guide-rods the entanglement of the cord is effectually obviated.

I do not claim, broadly, a chalk-holder composed of two plates clamped together and embracing one end of the chalk, as I am aware that similar devices have been employed for holding rubbers on pencils.

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

1. The chalk-holder, in combination with its suspending device, consisting of the head-block *a*, foot-block *b*, guide-rods *c c*, attached to said blocks to maintain them a uniform distance apart, the slide *d* between the said guide-rods, sheaves *e e'*, connected, respectively, with the head-block and slide, and the cord *f*, attached at one end to the head-block, and extending thence around the sheave *e'* of the slide and around the sheave *e* of the head-block, and connected at its free end with the chalk-holder, substantially as described and shown.

2. In combination with the chalk-holder,

the suspending device consisting of the head-block *a*, foot-block *b*, guide-rods *c c*, holding said blocks a uniform distance apart, cushions *h h*, slide *d* between said rods, sheaves *e e'*, connected, respectively, with the head-block and slide, eyes *i i* on the slide and foot-block, and the cord *f*, attached at one end to the head-block, and extended thence around the sheave *e'*, and around the sheave *e* and through the eyes *i i*, and connected at its free end with the chalk-holder, substantially as described and shown.

3. The chalk-holder consisting of the two half-cups *A A*, provided at their adjacent edges with the handles *l l*, and with the eyes *m m'* and the clamping-screw *n*, substantially as described and shown.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Lyons, in the county of Wayne, in the State of New York, this 1st day of May, 1885.

DAVID JENNINGS. [L. S.]

Witnesses:

GEO. T. KENNEDY,
FRANK. A. TANNER.