

E. BERGQUIST.
DISPLAY STAND.

APPLICATION FILED SEPT. 28, 1911.

1,010,113.

Patented Nov. 28, 1911.

2 SHEETS-SHEET 1.

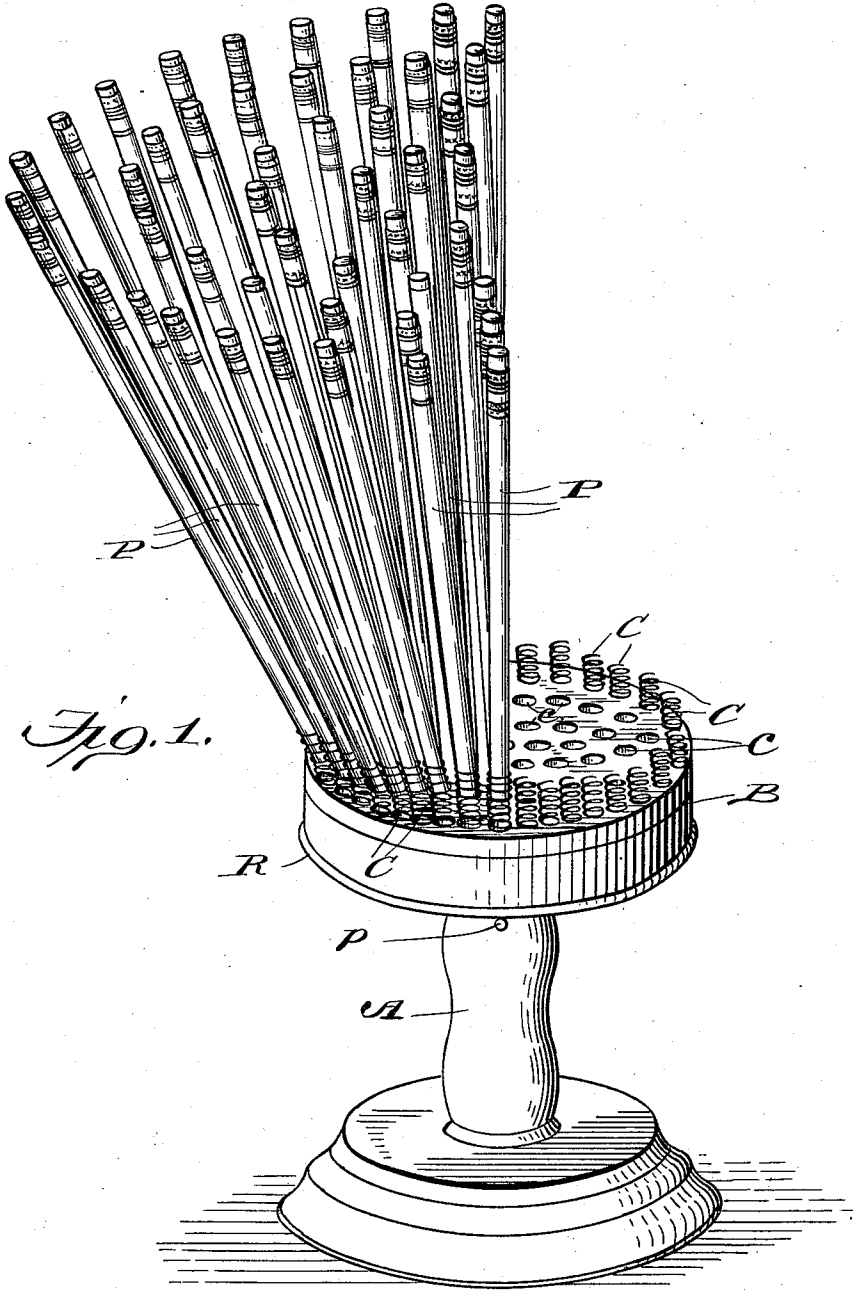


Fig. 1.

Witnesses:

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H. B. Marston.

Inventor

Edward Bergquist

by

Marshall Bailey
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2 SHEETS-SHEET 2.

Fig. 2.

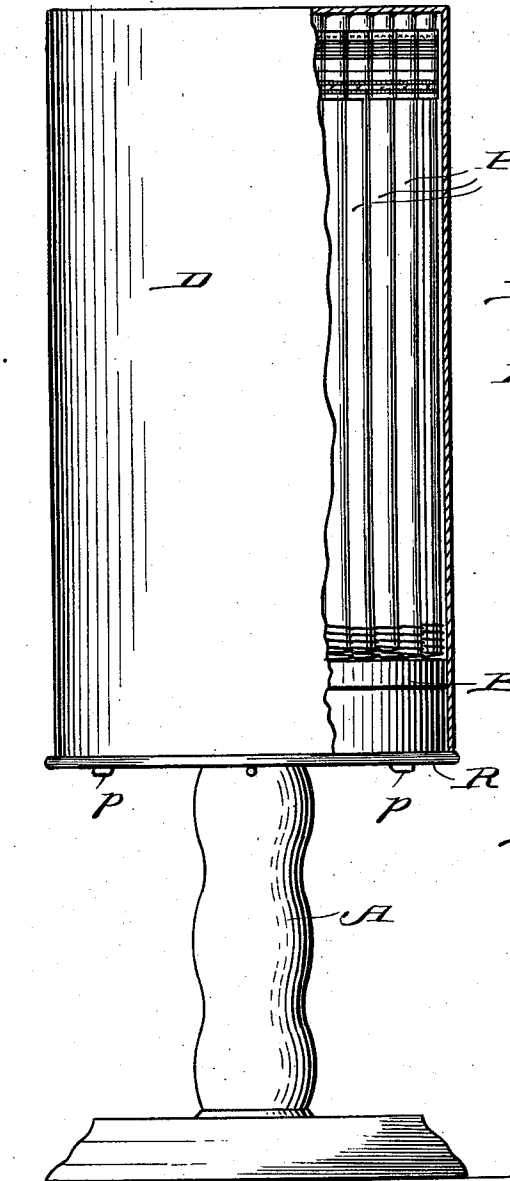


Fig. 3.

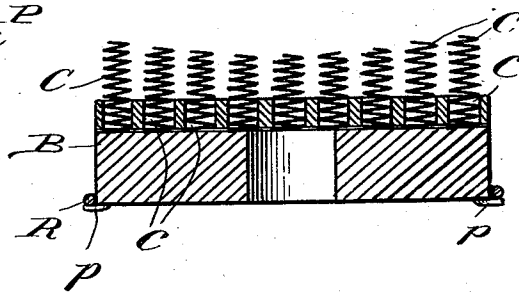
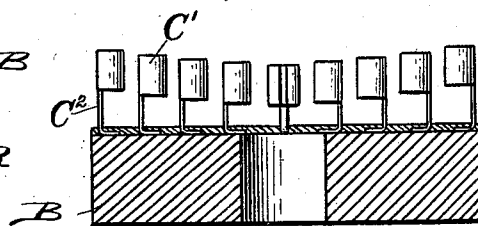


Fig. 4.



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UNITED STATES PATENT OFFICE.

EDWARD BERGQUIST, OF NEW YORK, N. Y., ASSIGNOR TO EAGLE PENCIL COMPANY, OF NEW YORK, N. Y.

DISPLAY-STAND.

1,010,113.

Specification of Letters Patent. Patented Nov. 28, 1911.

Application filed September 28, 1911. Serial No. 651,745.

To all whom it may concern:

Be it known that I, EDWARD BERGQUIST, of New York, county and State of New York, have invented a new and useful Display-
5 Stand for Lead-Pencils, Penholders, and the Like, of which the following is a specification.

The display stand in which my invention is comprised is one wherein the sockets in
10 which the articles are held are vertically disposed above the top of the stand with which they are connected by spring supports capable of flexing or yielding laterally under the weight of the pencils, so as to permit
15 the pencils when unrestrained to stand at an angle to the perpendicular and to spread apart and separate from one another in order to display the individual pencils of the group to the best advantage. This is the
20 characteristic feature of the invention which may be given effect to in various ways. I prefer for this purpose to form the sockets of spirally coiled spring wire in tubular form and of a diameter and length to suit-
25 ably receive and support the pencils or other articles, and also to furnish a spring support which will flex or bend laterally. The upper part of the coil constitutes the pencil socket and is occupied by the pencil. The
30 lower unoccupied part of the coil which intervenes between the socket portion and the top of the stand and is attached to the latter constitutes the laterally flexible spring support for the socket. A device thus constructed
35 (embodying the socket and spring support in one) has the additional advantage that it will yield vertically as well as flex or bend laterally, and that the spirally coiled wire of the socket portion furnishes in some
40 sort a screw thread which holds in place securely the pencil whose lower end it surrounds.

In the accompanying drawings to which reference will now be made for a better
45 understanding of the invention—Figure 1 is a perspective view of the stand, partly filled with pencils, in the position they occupy when the cover is removed. Fig. 2 is a side elevation of the stand with the cover
50 applied, a portion of the cover being broken away to show the pencils inside. Fig. 3 is a sectional view of a portion of the stand, together with sockets appertaining to the same from which the pencils have been re-
55 moved. Fig. 4 is a view of a modification.

The stand consists of a pedestal A surmounted by a base-plate B of any suitable contour—in this instance cylindrical—from the upper face of which projects the tubular pencil holding sockets C. These sockets are
60 composed each of spirally coiled spring wire, of a size to receive the end of the pencils or other article. The lower end of this coil is seated and secured in a cylindrical recess *c* formed for it in the upper face of the plate
65 B; and from this cylindrical recessed seat it projects vertically a suitable distance above the face of the plate B. The length of the coil above the face of the plate should be
70 sufficient to furnish a socket into which the end of the pencil P can be inserted a proper distance, and yet leave below the pencil and above the face of the plate B a sufficient
75 length of coil to permit it to flex or bend laterally under the weight of the pencil. In consequence of this arrangement, the pencils,
80 when the cover D (Fig. 2) is removed, being unsupported except at their lower ends, will incline outwardly from the perpendicular, spreading apart and separating from one
85 another at their upper ends as indicated in Fig. 1, thus displaying the individual pencils of the group to the best advantage. When the cover D is to be applied, the free
90 ends of the group of pencils are gathered together into a compact bunch and the cover D is slipped down over them as indicated in Fig. 2. A convenient means for thus
95 gathering together the pencils consists of the loose ring R which snugly encircles the cylindrical top of the stand, and normally rests on pins *p*, or other suitable support, below the top B. By raising the ring the pencils will be gathered together and then after the
100 cover is fitted over them, the ring can be allowed to drop down upon its support *p*. The top of the cover rests upon the upper ends of the pencils, and as the spiral spring sockets for the pencils are vertically yielding, slight pressure upon the top of the cover
105 will cause it to compress slightly all the sockets and to bear evenly and firmly upon the tops of the pencils, which will then be held securely and without end play.

The pencil is inserted into its socket by a
110 turning motion similar to that employed in screwing one article into another. The spiral spring coil of the socket forms in effect a screw thread, which admits of this screwing motion of the pencil in introduc-
115

ing it into and withdrawing it from the socket, and which also serves to hold the inserted end of the pencil tightly and securely in place.

5 In the modification shown in Fig. 4, the socket and its spring yielding support are, as in the instance already described, made in one. The socket is composed of a longitudinally split tube C' of spring sheet metal, 10 from which extends a support C² in the shape of a thin narrow spring sheet metal strip, the lower end of which is suitably secured to the top of the stand as shown—said strip being of such length and dimensions 15 that it will flex or bend laterally under the weight of the pencil. The form of device shown in Figs. 1-3 is however preferred.

It will be noticed, by reference to Figs. 3 and 4, that the laterally flexible spring supports for the socket increase in length as 20 they approach the outer edge of the stand, this being for the purpose of enhancing the flexibility of the supports, and thus permitting the outer pencils of the group to incline 25 more from the perpendicular than the inner ones.

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

1. A display stand for lead pencils and the like, comprising a body or stand proper, 30 vertically disposed pencil receiving sockets, and laterally flexible spring supports for the same attached to and projecting from the upper face of the stand, substantially as and 35 for the purpose hereinbefore set forth.

2. A display stand for lead pencils and the like, comprising a body or stand proper, 40 vertically disposed pencil receiving sockets, laterally flexible spring supports for the same attached to and projecting from the upper face of the stand, a loose ring encircling the top of the stand, and a support for said ring, substantially as and for the purposes hereinbefore set forth. 45

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

EDWARD BERGQUIST.

Witnesses:

WM. R. COOKE,
GEORGE RITTER.

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