B. B. GOLDSMITH.

RACK FOR PENCILS.

APPLICATION FILED AUG. 1, 1911.

**1,158,916.** Patented Nov. 2, 1915.

Fig. 1.

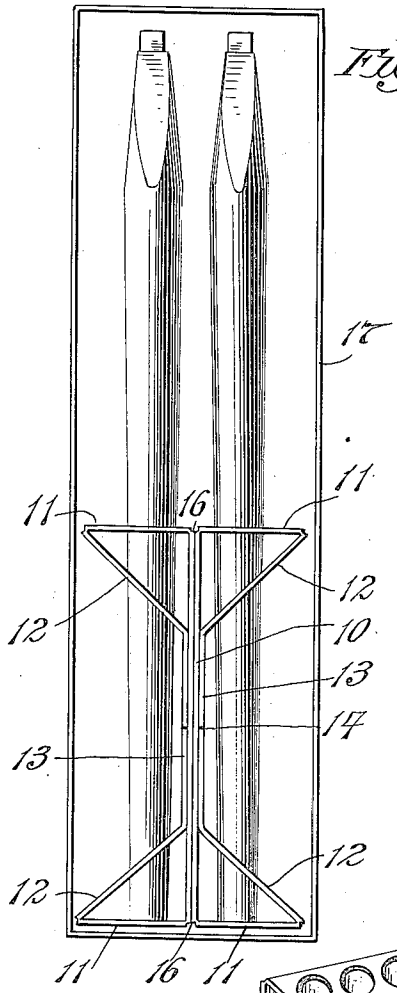
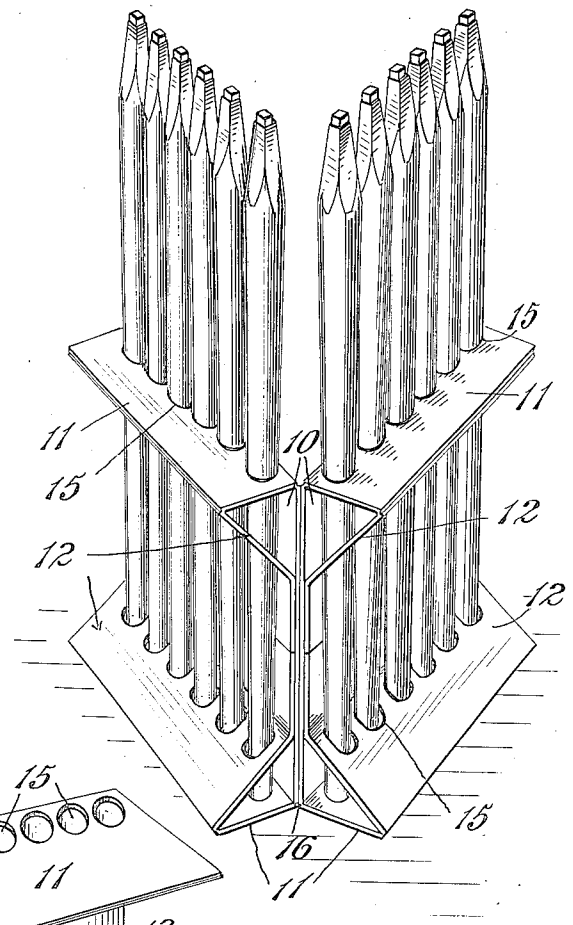



Fig. 2.



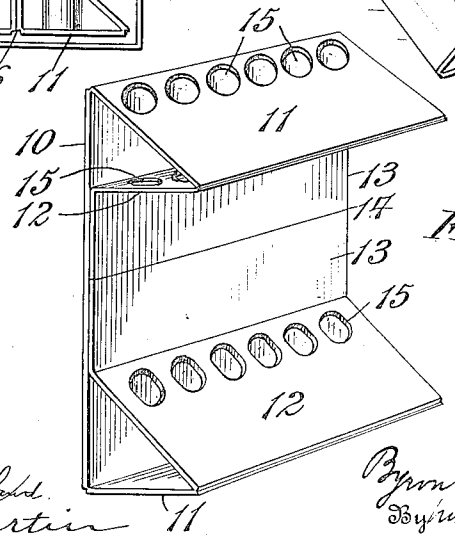




Fig. 3.

Witnesses:
Edward Bowlsby
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# UNITED STATES PATENT OFFICE.

BYRON B. GOLDSMITH, OF NEW YORK, N. Y.

## RACK FOR PENCILS.

1,158,916. Specification of Letters Patent. Patented Nov. 2, 1915.

Application filed August 1, 1911. Serial No. 641,855.

*To all whom it may concern:*

Be it known that I, BYRON B. GOLDSMITH, a citizen of the United States, residing in the borough of Manhattan, city, county, and State of New York, have invented a new and useful Improvement in Racks for Pencils, of which the following is a specification.

The present invention has reference to a cheap, simple, strong and light device intended to hold and confine lead pencils and the like, and adapted to serve at will either to securely pack the articles in question or to display them in an attractive and convenient manner.

It is one of the advantages of this device that it may be constructed from a single sheet of pasteboard or the like, by merely scoring and bending the same, and that no projecting fastening means need to be employed.

The invention is shown in a preferred form in the accompanying drawings, wherein—

Figure 1 is a side elevation of the device within a suitable box, as employed for packing purposes, Fig. 2 is a perspective view of the same as used for displaying the pencils, and Fig. 3 is a perspective view of one half of a modified form.

My improved holder comprises one or more elements exemplified in Fig. 3, and these are preferably made in pairs hinged together, either integrally (as preferred and as shown) or otherwise. Each element of my device, may be conveniently referred to as a "packing and display rack," and is composed of a strip of pasteboard or the like, suitably scored and bent to form an upright back 10, provided with forward extensions of triangular prismatic shape. These extensions are formed by successive bendings upon three parallel scored lines, producing in each extension an outer projecting member 11, a bracing member 12 and a fastening member 13, which last named member is firmly fixed to the upright back, preferably by glue, paste or cement. The edges of the fastening members 13 are preferably made to abut along the line 14. The outer projecting member of the lower prismatic extension forms the base of the entire element, and the pencils are supported in the manner shown by threading each through a vertical series of apertures 15, cut out of the topmost member 11 and the two bracing members 12.

As shown in Figs. 1 and 2, the prismatic members of each element form right angled triangles in cross section but this is not essential to the invention. As shown in Fig. 3 the transverse section of the upper prismatic member is an acute angled triangle. Each of the triangular prismatic extensions is formed of a closed prism, whereby the advantages of the use of the diagonal parts 12 are obtained. The advantage of combined lightness and stiffness resulting from the use of prismatic members in the manner shown will result whichever form these prisms may take.

I prefer to use the elements thus far described in pairs, as shown in Figs. 1 and 2, hinged together at 16, whereby the elements may be made to stand at any desired angle to each other; thus greatly extending the effective base and increasing the stability of the whole. In the form shown this is accomplished by forming the pair of elements of a single sheet of pasteboard or the like, simply scored vertically along the hinging line 16.

In shipping the pencils, it is not necessary to remove them from the display rack, but two elements are simply slipped into an appropriate box 17 of proper size and shape, with their two upright members 10 in contact, and with the pencils in place.

Various changes may be made in my improved rack without departing from my invention, and I do not limit myself to the precise details herein shown and described.

What I claim is—

1. A packing and display rack comprising a foldable support composed of a single sheet of pasteboard or the like scored and folded to form a vertical hinge when the rack is in use and scored and folded on each side of said hinge to form an upright back, having both on top and bottom an inclosed triangular prismatic extension, each extension comprising an outer projecting member, a bracing member and a fastening member secured to said back, said extensions being perforated to receive pencils and the like, substantially as described.

2. A display rack for pencils composed of a single sheet of appropriate material folded forward at each end to form prismatic ex-

tensions and fastening members, the two fastening members extending toward each other, and lying flat against the sheet itself, and said prismatic extensions being suitably perforated, substantially as described.

3. A display rack for pencils composed of a single sheet of appropriate material folded forward at each end to form triangular prismatic extensions and fastening members, the two fastening members lying flat against the sheet itself and abutting edge to edge, and said prismatic extensions being suitably perforated, substantially as described.

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

BYRON B. GOLDSMITH.

Witnesses:
FRANK DREW,
FRANK J. MRAZ.