

No. 846,133.

PATENTED MAR. 5, 1907.

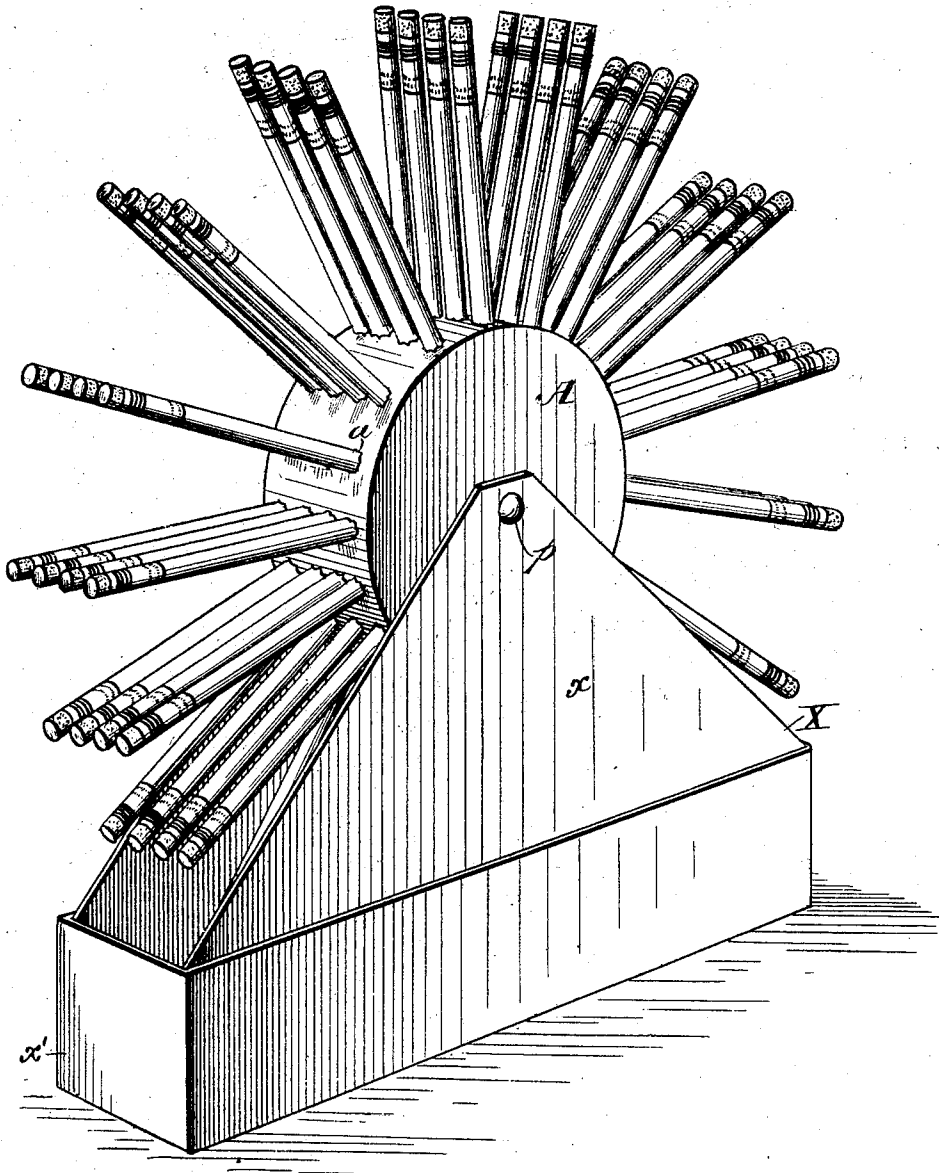
F. McINTYRE.

ASSORTMENT BOX OR DISPLAY RACK FOR LEAD PENCILS.

APPLICATION FILED SEPT. 12, 1906.

2 SHEETS—SHEET 1.

Fig. 1.



Witnesses,
Robert G. Smith,
H. Lee Helms.

Inventor,
Frank McIntyre,
By Marshall Bailey,
Atty.

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2 SHEETS—SHEET 2.

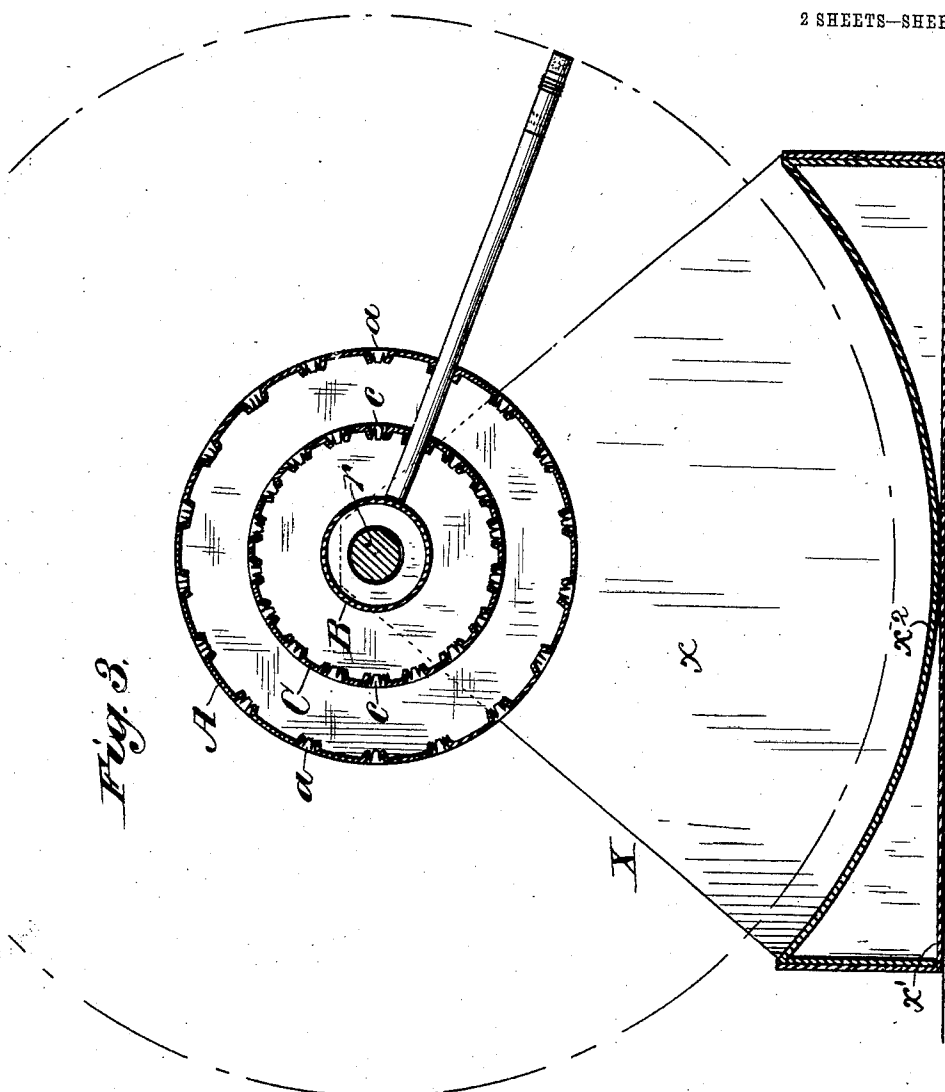


Fig. 3.

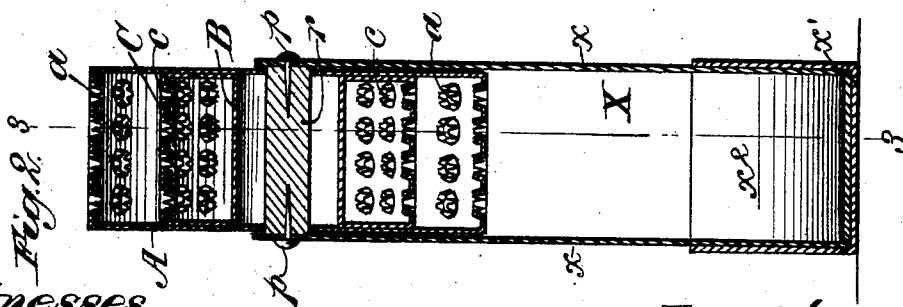


Fig. 2.

Witnesses.
Robert Corbett,
W. Lee Adams.

Inventor:
Frank McIntyre.
By Marshall Bailey
Att'y.

UNITED STATES PATENT OFFICE.

FRANK McINTYRE, OF NEW YORK, N. Y., ASSIGNOR TO EAGLE PENCIL COMPANY, OF NEW YORK, N. Y..

ASSORTMENT-BOX OR DISPLAY-RACK FOR LEAD-PENCILS.

No. 846,133.

Specification of Letters Patent.

Patented March 5, 1907.

Application filed September 12, 1906. Serial No. 334,323.

To all whom it may concern:

Be it known that I, FRANK McINTYRE, of the city, county, and State of New York, have invented a certain new and Improved Assortment-Box or Display-Rack for Lead-Pencils and the Like, such as Penholders, of which the following is a specification.

The assortment-box or display-rack in which my invention is comprised consists of a drum constructed as hereinafter described and mounted to rotate in bearings in a pyramidal base or stand.

The invention will first be described in connection with the accompanying drawing, forming part of this specification, and will then be more particularly pointed out in the claim.

In the drawing, Figure 1 is a perspective view of the article. Fig. 2 is a transverse vertical axial section of the same; and Fig. 3 is a section on line 3 3, Fig. 2.

A is the drum, preferably of cylindrical form. It is made of pasteboard or cardboard and is mounted to revolve between the parallel upright Λ -shaped sides x of a stand X, also of cardboard or pasteboard, this stand having a rectangular base x' , provided with a top x'' , curved concentrically with the drum. The pencils carried by the drum project from the latter radially and as the drum revolves sweep over the top x'' of the base.

The periphery of the drum is perforated, these perforations being arranged in parallel lines transversely of the drum, as seen at a , there being in this instance four perforations in each line. A drum of moderate diameter—say of six-inch diameter—with such lines of perforations as shown will readily hold and perfectly display six dozen pencils. These perforations, which are punched in the periphery of the drum, have serrated edges, which are turned inward to form spring-fingers which will clasp with yielding pressure the pencils that pass through them, thus preventing the latter from dropping out or being displaced when the drum is rotated.

Within the drum and fixed to the same is a hub B, of card or paste board, concentric with the periphery of the drum. This hub, against which the inner ends of the pencils bring up, serves to limit the extent to which the pencils can be inserted and insures their even distribution and arrangement. Within the drum and about midway between the periphery of the drum and the hub is an annu-

lar diaphragm or partition C, concentric with these parts and fixed to the heads of the drum. In this partition C are lines of perforations c , made with inturned serrated edges like those in the periphery of the drum and parallel therewith, the perforations in the intermediate diaphragm being each upon the same radial line with its corresponding perforation in the periphery of the drum, thus insuring that the pencil inserted through those two perforations, with its inner end bearing against the hub, shall be radial to the axis of the drum. The pencils are held with yielding pressure by the perforated intermediate diaphragm, as well as the perforated periphery of the drum, and are thus held firmly in the drum in radial relation to the axis of the latter.

The drum rotates upon a cylindrical wooden core-piece or axle r , which is tightly secured to the sides x of the stand by nails or tacks p . The heads of the drum fit upon this axle.

Having described my invention, I state that I am aware that rotary display-racks have before been suggested having clips or the like upon their faces to detachably hold the articles to be displayed, and this I do not broadly claim.

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

An assortment-box for lead-pencils and the like, consisting of a drum mounted to revolve in a suitable supporting-stand provided with transverse lines of pencil-receiving perforations formed with inturned serrated edges for the purposes stated, a central imperforate hub within, and fixed to, the drum and concentric with the periphery thereof, and a diaphragm or partition within, and fixed to, the drum between, and concentric with, the hub and the periphery, and provided with transverse lines of perforations, similar to those in the periphery, each perforation in the diaphragm being arranged in radial relation to its fellow perforation in the periphery—the parts being constructed and arranged substantially as hereinbefore set forth.

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

FRANK McINTYRE.

Witnesses:

SAMUEL KRAUS,
PERCY H. BUCKMASTER.