Dec. 1, 1953 C. H. LANNING 2,660,983

COLORING BOARD

Filed Sept. 23, 1950

FIG. 1.

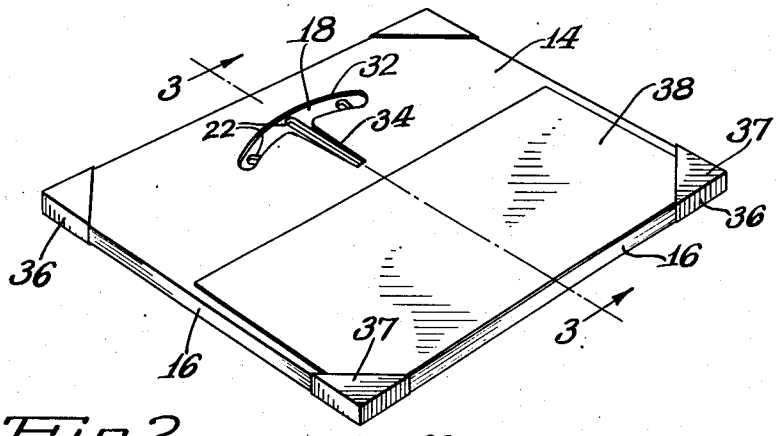


FIG. 2.

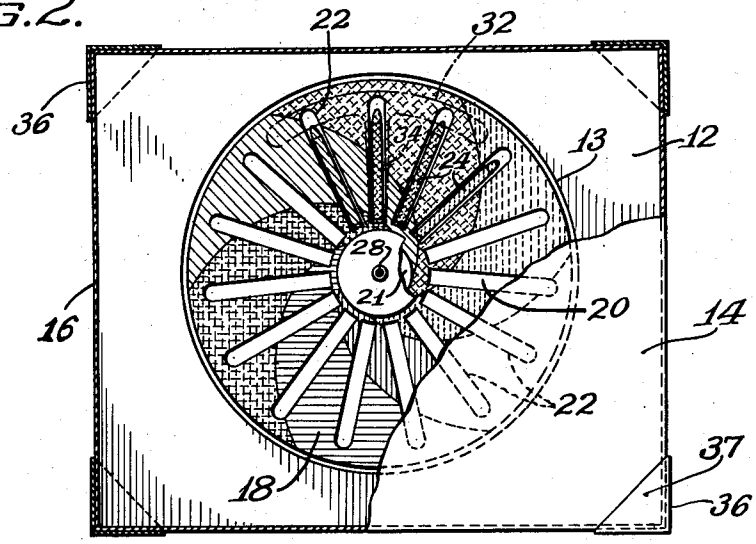
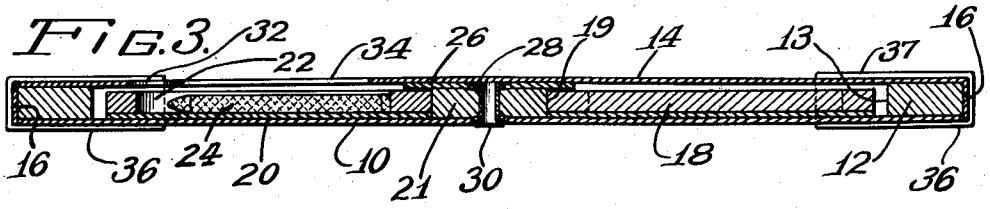


FIG. 3.



Inventor:
Charles H. Lanning
By Bair, Freeman & Molinare
Attys.

Patented Dec. 1, 1953 2,660,983

UNITED STATES PATENT OFFICE

2,660,983

COLORING BOARD

Charles H. Lanning, Woodstock, Ill.

Application September 23, 1950, Serial No. 186,350

1 Claim. (Cl. 120—23)

1

This invention relates to a coloring board adaptable particularly for the use of children in the storing and using of "colors" or wax crayons, pencils, chalk and the like, the purpose of the board being to encourage the replacement of a crayon in a crayon holding pocket of the board after the crayon is used instead of leaving the crayons on a table where they can roll off or on the floor where they might be stepped on.

One object of the invention is to provide a coloring board which can be manufactured at relatively low cost so as to sell for a reasonable price yet sturdy enough to withstand normal usage and last for a period of years.

Another object is to provide a coloring board in which the crayons are stored in such manner that only one at a time is accessible, thus minimizing the possibility of spilling the crayons as when kept in a carton or other container.

A further object is to provide a readily operable means for selecting a desired crayon and permitting the removal of only one at a time from the coloring board to encourage the replacement of that crayon after it is used and before another crayon is selected for use.

With these and other objects in view, my invention consists in the construction, arrangement and combination of the various parts of my coloring board, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claim and illustrated in the accompanying drawings, wherein:

Figure 1 is a perspective view of a coloring board embodying my present invention.

Figure 2 is a plan view thereof with the top panel removed with the exception of the lower right corner thereof and side flanges of the top panel and corner pockets shown in section; and

Figure 3 is a sectional view on the line 3—3 of Figure 1.

On the accompanying drawing I have used the reference numeral 10 to indicate a bottom panel, 12 a filler and 14 a top panel. The panels 10 and 14 may be made of cardboard or the like and the filler 12 of corrugated cardboard or other fibrous material of inexpensive nature and all three parts together form a container. The top panel 14 is provided with marginal flanges 16 turned down along the edges of the filler 12 to finish off the container 10—12—14 in a suitable manner. These parts may be spot glued or otherwise suitably secured together.

The filler 12 is of substantially the same rectangular outline as the panels 10 and 14 and

2

is provided with a circular opening 13 cut therein. This arrangement provides a container for a crayon supporting disc 18 which may also be formed of corrugated cardboard or the like. The disc 18 has secured to the bottom surface thereof by spot gluing or the like, a bottom panel 20 and is provided with a plurality of radially arranged slots 22 to receive crayons 24. The panel 20 of the disc cooperates with the slots 22 to form crayon receiving pockets and serves to support the crayons against rubbing on the panel 10 when the disc 18 is rotated.

The disc 18 and the panel 20 are provided with a central opening 19 in which is mounted a somewhat smaller and slightly thicker disc 21 to serve as a journal on which the disc 18 rotates. A cover disc 26 is mounted above the disc 21 and may be glued thereto if desired. The entire assembly of panel 10, disc 21, and disc 26 are then secured together by a tubular rivet 28 having the head on its upper end against the disc 26 and its lower end expanded into a sheet metal cap 30 as shown in Figure 3.

The top panel 14 covers the head of the rivet and the rivet when in position bites into the disc 26 and the panel 10 and is made of relatively thin sheet metal which of necessity is shown exaggerated in thickness in Figure 3 so that projection beyond the upper surface of the disc 26 and the lower surface of the panel 10 is not objectionable.

The top panel 14 is provided with a T-shaped slot having an arcuate portion 32 and a radial portion 34. Any one of the crayon holding slots or pockets 22 may be registered with the radial portion 34 and the two adjacent slots 22 will then occupy positions adjacent the ends of the arcuate slot 32 as shown in Figure 1 and by dot-and-dash lines in Figure 2.

Triangular reinforcing pockets 36 of plastic material or any suitable material to resist damaging the corners of the coloring board when it is accidentally dropped are provided as illustrated at 36. These may be glued or otherwise secured in position with the exception of their top flanges 37 which are loose so that one or more sheets of paper 38 or a coloring book may be inserted thus providing a convenient holding means for the material being colored.

Referring to Figure 2, it will be noted that a color design has been applied to the top of the disc 18. Various colors are indicated such as green, orange, purple, etc. and these are applied in a spiral pattern to the disc 18 for the purpose of indicating the appropriate positions

for various colors and for notifying the user as the wheel is rotated as to which colors come next from the right or left.

In use, when a desired color is not registered with the radial portion **34** of the T-shaped slot **32—34**, a finger or crayon may be inserted in the slot **22** appearing either to the left or right of the center slot for rotating the color holding disc **18** either clockwise or counter-clockwise as desired. This is a convenient arrangement for rotating the disc so that a desired crayon becomes available and at the same time protecting all but one of the crayons against removal either intentionally or accidentally. I have found that the coloring board disclosed soon teaches a child to keep his crayons properly contained in the crayon holding disc and thus neatly out of the way both during use and when not in use.

Some changes may be made in the construction and arrangement of the parts of my coloring board without departing from the real spirit and purpose of my invention, and it is my intention to cover by my claim any modified forms of structure or use of mechanical equivalents which may be reasonably included within its scope.

I claim as my invention:

In a device of the character disclosed, a container having a cover, a crayon supporting disc rotatable in said container and provided with a plurality of radially disposed equally spaced pockets adapted to contain therein an assortment of crayons, said container cover having a T-shaped opening formed therein with the leg portion of said T-shaped opening disposed radially of the axis of rotation of the disc and of such width that only a selected one of said pockets may be aligned therewith for withdrawal of a single crayon therefrom through said leg portion, the arm portions of said T-shaped opening being arcuate, and the length of said arm portions of said T-shaped opening being such as to expose at all times a portion of at least two of said radially disposed pockets which are not aligned with said leg portion of the T-shaped opening, said arm portions of the T-shaped opening permitting insertion of a disc revolving member therethrough for engagement with said disc to cause said disc to rotate to bring another single crayon into position aligned with said leg portion of the T-shaped opening.

CHARLES H. LANNING.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
14,910	George	May 20, 1856
454,368	Lucas	June 16, 1891
1,175,764	Howard	Mar. 14, 1916
1,275,655	Boye	Aug. 13, 1918
1,389,181	Benson	Aug. 30, 1921
1,856,160	Gutberlet	May 3, 1932
2,171,675	Travnitschek	Sept. 5, 1939
2,438,895	Bouffard et al.	Apr. 6, 1948
2,474,639	Shprentz	June 28, 1949
2,519,156	Sparks	Aug. 15, 1950