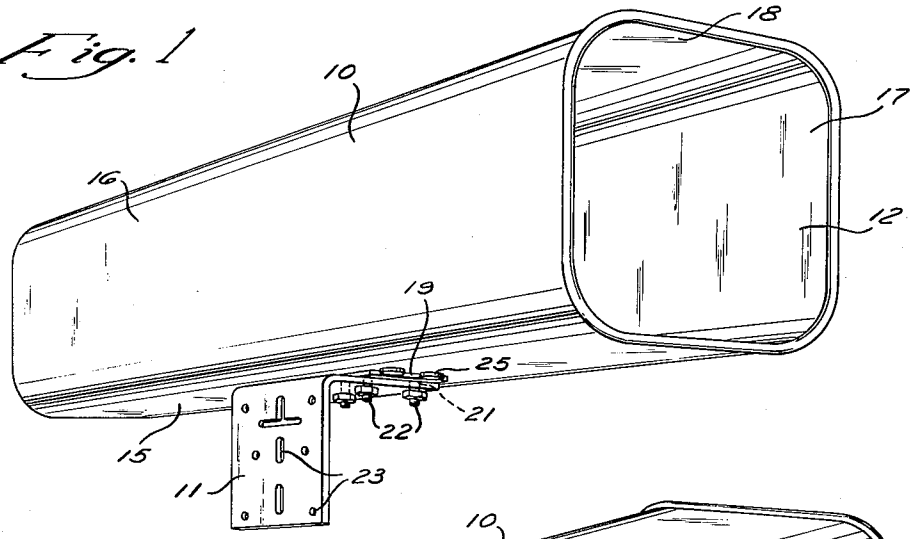
July 31, 1962 M. MONROE 3,047,213

NEWSPAPER DELIVERY TUBE

Filed Oct. 16, 1959

Fig. 1



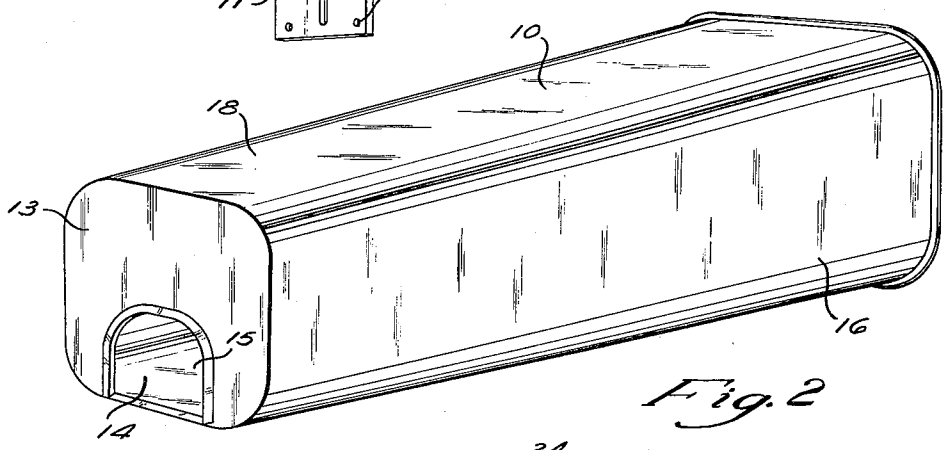
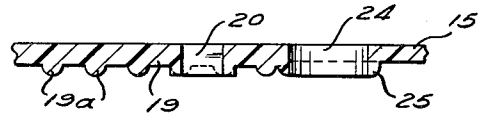


Fig. 2

Fig. 4



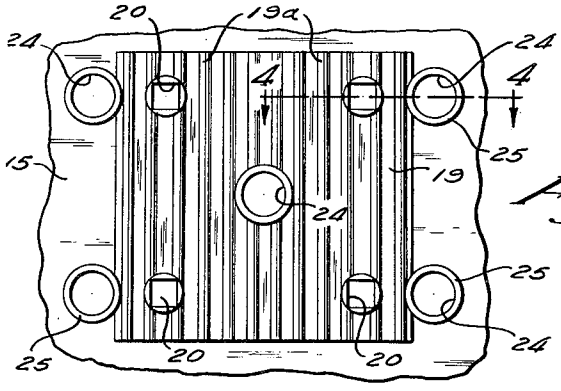


Fig. 3

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NEWSPAPER DELIVERY TUBE

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1 Claim. (Cl. 232—17)

The present invention relates to an improved tube structure of pleasing appearance adapted for use for a newspaper tube or receptacle.

A principal object of this invention is to provide a newspaper tube that will protect the newspaper placed therein from rain, snow, wind or other detrimental weather conditions while awaiting removal by the householder.

It is a further object of the invention to provide a newspaper receiving tube that will overcome the defects that exist in the tubes now being used.

Further, it is an object to provide such a tube into which the newspaper may be placed with a minimum of effort by the deliverer because of the low degree of friction between the tube and the newspaper.

Another object of the invention resides in the opening at the partly-closed end of the tube to permit the newspaper subscriber to determine whether the paper has been delivered without leaving his house while the said partly-closed portion of the tube affords protection to the newspaper from the inclement weather.

A further object of the invention resides in the improved drainage to dispose of rain water, melting snow and the like that may find its way into the tube.

Another object of the invention is a newspaper tube formed in a single mold operation which will withstand extremes of temperature, chemical fumes in the air, snow removal chemicals, salt air, rust and corrosion and physical abuse to which it may be subjected and having a resulting long life period, and requiring a minimum of maintenance throughout such period.

Another object of the invention is the provision for a raised, flat or horizontal portion of the bottom surface of the tube having ribs thereon to facilitate the desired drainage from the interior and exterior of said tube resulting from rain, ice and snow, and the like, when the tube is affixed to the bracket.

Other objects and advantages of the invention reside in a structure which is economic of manufacture and maintenance as well as efficient of use.

Other objects and advantages more or less ancillary to the foregoing, and the manner in which all the various objects are realized will appear in the following description, which considered in connection with the accompanying drawings, sets forth the preferred embodiment of the invention.

Referring to the drawings:

FIG. 1 is a perspective view of the tube showing the bracket and the open front end of the tube;

FIG. 2 is a perspective view of the tube showing the partly-closed rear end of the tube;

FIG. 3 is a detail in plan view of the raised-ribbed bottom portion on an enlarged scale showing the ribs and drainage openings;

FIG. 4 is a cross-section taken on line 4—4 of FIG. 3.

Referring particularly to the drawings, the improved newspaper delivery tube may be made of plastic, such as polyethylene or other materials that are suitable for molding and weather resistant. It consists of two principal parts, i.e. the molded elongated tube member **10** generally rectangular in cross-section, and the mounting bracket member **11**.

Referring now to FIGS. 1 and 2 it will be seen the said tube **10** includes an open front end **12** and a slightly smaller, partly-closed rear end **13** which may best be seen by referring to FIG. 2 of the drawing. The said rear end **13** is positioned so as to form a right angle with the bottom wall **15** of the tube **10** and has an arcuate opening **14** therein adjacent the said bottom wall **15**.

The said tube **10** has side walls **16** and **17** respectively, and a top wall **18** thereof that converge slightly from said open end **12** toward the partly closed rear end **13**.

The bottom wall **15** has a rectangular-raised ribbed portion **19** located midway its length and width adapted to receive the bracket **11**. The ribbed portion **19** comprises downwardly-raised parallel spaced apart ribs **19a** and has apertures as at **20** so that bolts such as **22** may be used to secure the tube **10** to the bracket **11** which has similarly placed apertures as at **21**. The bracket **11** has other apertures as at **23** so that bolts or screws (not shown) may be used to secure the bracket **11** to a supporting object (not shown).

Centrally of said ribbed portion **19** and adjacent to the sides thereof are circular drainage openings **24** having downwardly raised edges **25** in the tube. Said drainage openings **24** will permit the escape of any water that may have found its way into the interior floor or bottom of the tube. It will be seen that water running down the outer surface of the tube will drip from the raised edges **25** and not move upward by capillary attraction within the said drainage openings **24** and wet the newspaper.

Although the foregoing description is necessarily of a detailed character, in order that the invention may be completely set forth, it is understood that the specific terminology is not intended to be restrictive or confining, and that various rearrangements of parts and modifications of detail may be resorted to without departing from the scope or spirit of the invention as herein claimed.

What is claimed is:

A newspaper delivery tube comprising a one-piece molded plastic elongated hollow body member generally rectangular in cross section, open at one end and partly closed at the other end; the said partly closed end having an arcuate opening adjacent the bottom wall of said body, the top wall and side walls of said body converging slightly from said open end toward said partly closed end, the said bottom wall having an integral rectangular raised portion centrally located on its outer surface to define thereat a bracket seat, the lower surface of said raised portion being provided with ribs spaced apart to permit water drainage from the surface of said bracket seat, circular drainage openings located upon and adjacent said raised portion, said drainage openings being provided with downwardly raised edges, spaced openings in said bracket seat and a bracket for attaching said tube to a supporting member having complementary openings therein for attaching said tube to said bracket.

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