Nov. 15, 1966 E. D. ABRAMSON 3,285,407

PROTECTIVE CONTAINERS AND MOUNTING MEANS THEREFOR

Filed March 4, 1965 3 Sheets-Sheet 1

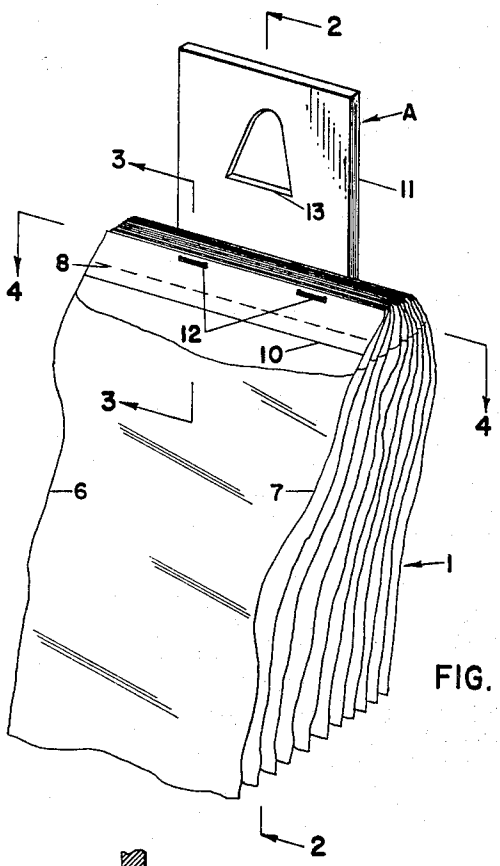



FIG. 1

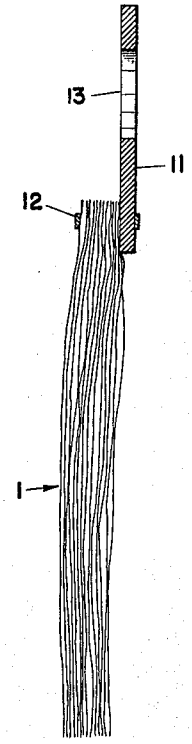



FIG. 2

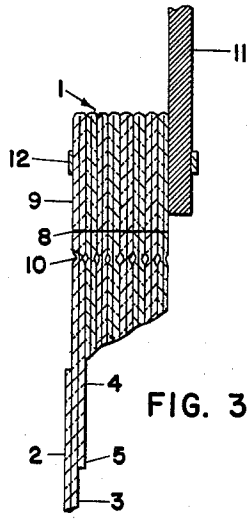



FIG. 3

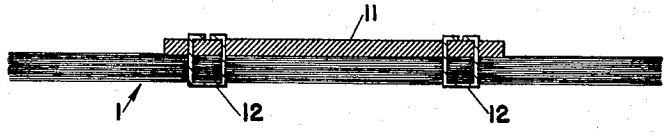



FIG. 4

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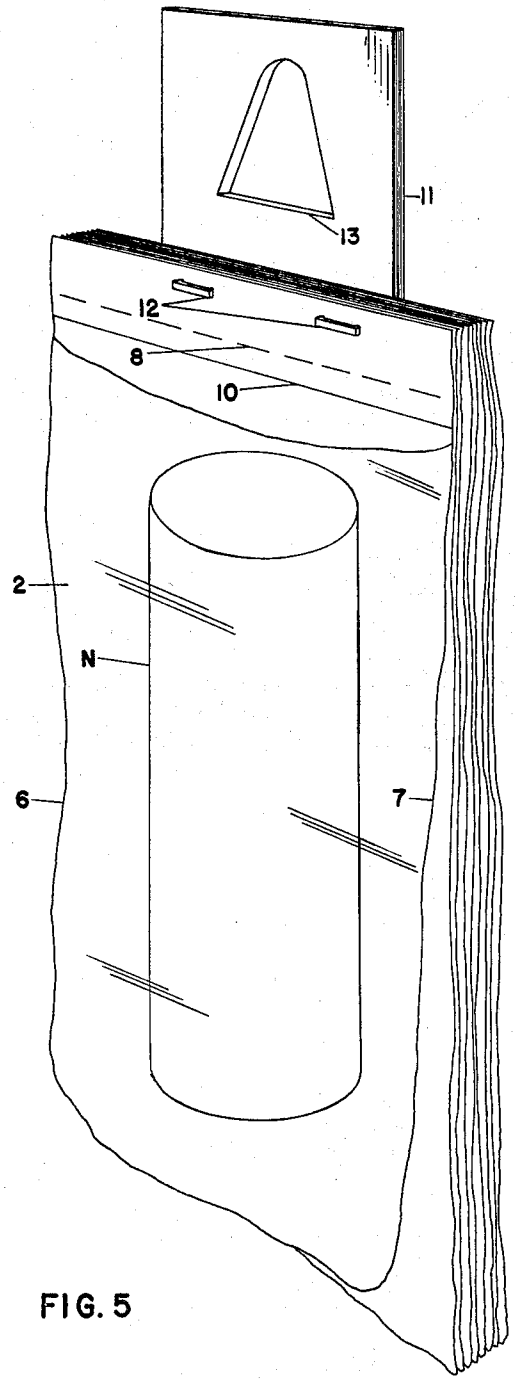



FIG. 5

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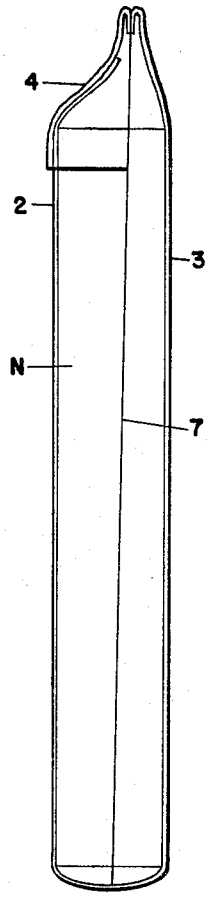



FIG. 7

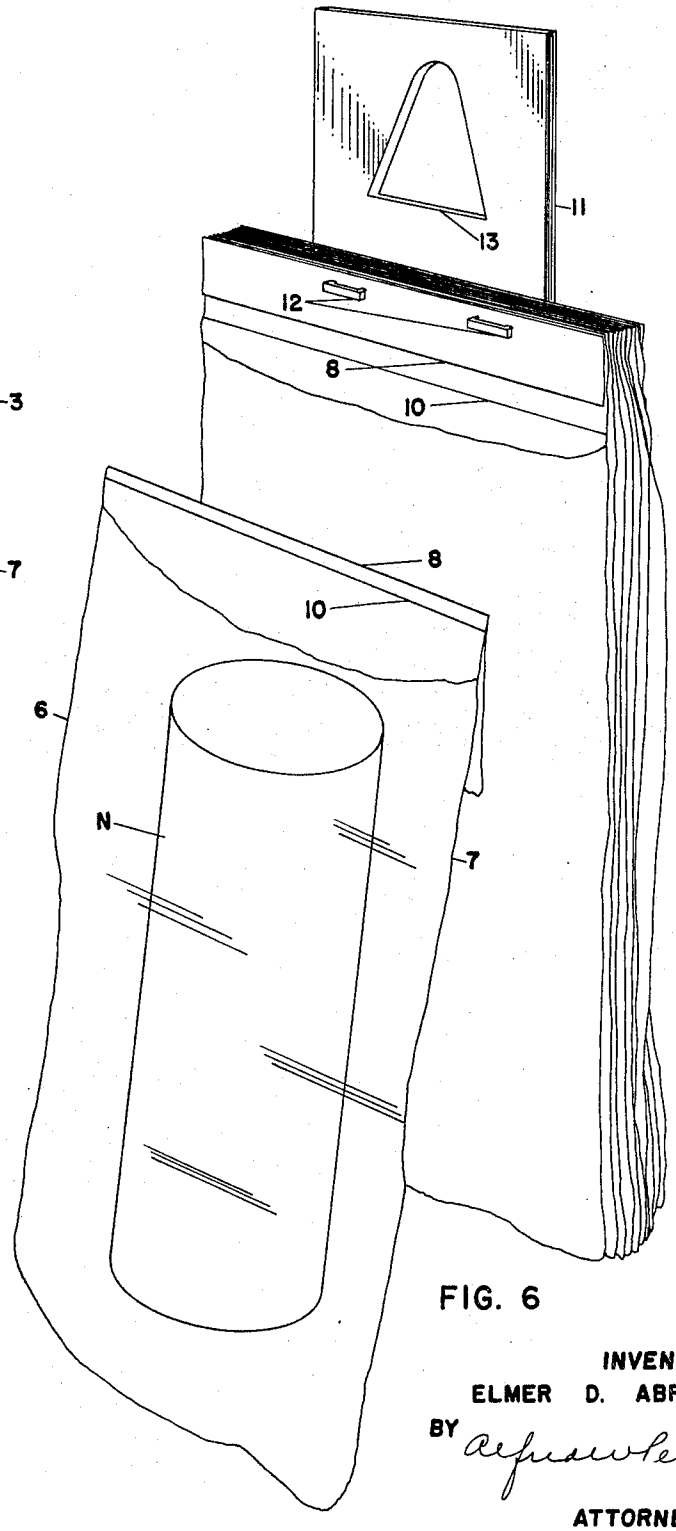



FIG. 6

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United States Patent Office 3,285,407
Patented Nov. 15, 1966



3,285,407

# PROTECTIVE CONTAINERS AND MOUNTING MEANS THEREFOR

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3 Claims. (Cl. 206—57)

This invention relates in general to certain new and useful improvements in protective containers and more particularly to a bag for newspapers and means for mounting and dispensing the same.

Heretofore, it has been the practice to make home deliveries of newspapers from a truck generally having a platform on the rear and a covered bed in which flat newspapers are stacked in the manner they are received from the publisher. Prior to departing on his route, the carrier usually rolls a sufficient number of newspapers, each into a separate substantially cylindrical roll and ties it around the center with a string. During periods of inclement weather a paper covering is wrapped around the cylindrical newspaper roll to protect the newspaper from the dampness and string is tied around the covering thereby holding the covering around the paper and maintaining the paper in a cylindrical roll. Many carriers have invested in rather expensive machines which tie the string around a rolled newspaper upon inserting the rolled paper therein. After obtaining a substantial quantity of rolled newspapers, the carrier's truck is driven along the route he services while rolled newspapers are tossed from the rear platform thereof onto front lawns and porches.

This practice has not proved entirely satisfactory. If the delivery man has not invested in a tieing machine, valuable time is consumed tieing strings around the rolled papers. Tieing machines reduce the time between receipt and delivery of the newspapers, but such machines represent a substantial investment in money and reduce the work and storage area available at the rear of the truck. In addition to this the outer protective wrapper is open at the ends so that the newspaper is not fully or adequately protected from rain, mud, snow, and the like.

It is therefore the primary object of the present invention to provide a bag into which rolled newspapers can be inserted prior to delivery and a means for mounting and quickly dispensing the same.

It is another object of the present invention to provide a mount from which a plurality of bags of the type stated can be removed one at a time.

It is a further object of the present invention to provide a bag and mount of the type stated which is economical to manufacture and is rugged in construction.

It is still another object of the present invention to provide a bag of the type stated which can be quickly sealed to protect the newspaper after its insertion therein.

With the above and other objects in view, my invention resides in the novel features of form, construction, arrangement, and combination of parts presently described and pointed out in the claims.

FIG. 1 is a perspective view of a plurality of bags and a hanger-board constructed in accordance with and embodying the present invention.

FIG. 2 is a sectional view taken along line 2—2 of FIG. 1.

FIGS. 3 and 4 are fragmentary sectional views taken along lines 3—3 and 4—4 respectively of FIG. 1.

FIG. 5 is a perspective view of a plurality of bags and a hanger-board forming part of the present invention and showing a newspaper within the outer most bag before the bag is detached from the hanger-board.

FIG. 6 is a perspective view of a plurality of bags and a hanger-board forming part of the present invention and



showing a newspaper within a bag immediately after the bag has been detached from the hanger-board.

FIG. 7 is a side elevational view of a bag forming part of the present invention, a newspaper being disposed within the bag and the bag being in the closed position.

Referring now in more detail and by reference characters to the drawings which illustrate a preferred embodiment of the present invention, A designates a bag-packet comprising a marginally registering stack of newspaper bags **1** each of which is fabricated from a sheet of transparent polyethylene, or other suitable material folded back upon itself along its lower or bottom margin to provide a front wall **2** and a rear wall **3**, the latter being somewhat longer than the front wall **2** and, in turn, being folded over on itself across the top in the formation of a flap **4** having a free bottom margin **5**. The sheet is then heat-seamed along its two lateral margins **6**, **7** so that the walls **2**, **3** form a bag-tube and the lateral margins of the flap **4** are likewise secured, in the same seaming operation to the upper portions of the lateral margins of the rear wall **3**.

The upper portions of rear wall **3** and flap **4** are provided with a line of perforations **8** which extend across the upper end and define a double layered stub **9**. Immediately below the line of perforations **8**, the rear wall **3** and flap **4** are heat-seamed or otherwise secured together along a seam **10**.

A stack of bags **1** is secured to a hanger-board **11** by staples **12** which are driven through stubs **9** and the hanger-board **11**. The hanger-board **11** is provided with an aperture **13** by which the bag packet A can be conveniently suspended from a hook or other suitable wall support (not shown).

In use, after the carrier receives a stack of newspapers for distribution he rolls up each individual newspaper N and inserts one of the substantially circular ends thereof between the rear wall **3** and upper margin of front wall **2**, whereupon the paper will slide easily into the bag **1**, all as best seen in FIG. 5. The carrier thereupon removes the bag **1** from the hanger board **11** by pulling it, together with the encased newspapers N downwardly with a snapping motion severing the line of perforations **8**, as illustrated in FIG. 6. To accomplish closure of the bag **1**, flap **4** is turned inside out whereupon the seam **10** will become the top margin of bag **1**, and bottom margin **5** of flap **4** will be disposed over the outwardly presented face of front wall **2** in downwardly spaced relation to the upper margin thereof, all as best seen in FIG. 7.

It should be noted that, if desired, rolled newspapers N may also be inserted in bag **1** after it has been torn along the line of perforations **8** and removed from hanger-board **11**. In such an instance closure would be accomplished in the manner previously described.

Thus, when newspapers in the closed bag **1** are tossed upon a lawn, the bag **1** may become covered with mud or grass stains, but the newspaper in the interior thereof will remain clean and legible. Similarly when tossed upon concrete or other hard surfaces the bag **1** may become marred and ripped but the paper will be protected. During inclement weather the water-proof walls **2** and **3** and flap **4** will prevent moisture from entering the bag and ruining the newspaper N therein. Further, the bag **1** will completely protect a newspaper N, if it is thrown in snow.

The bag **1** can be very quickly used and thus eliminates time consuming wrapping and tieing operations currently being employed.

It should be noted that bag packet A is not limited solely to use by newspaper carriers, but has a wide range of applications. For example, a bag packet A could be hooked to the side of a vegetable counter in a supermarket for use by the customer. The customer could fill the bag **1** with the desired amount of vegetables and then tear it from the hanger-board **11**. Such a practice would facili-

tate the check out procedure for the checker need only look through the transparent walls of the bag 1 to determine the contents. Similarly, bakeries could use the bag packet A for protecting loaves of bread.

It should be understood that changes and modifications in the form, construction, arrangement, and combination of the several parts of the protective containers and mounting means therefor may be made and substituted for those shown herein and described without departing from the nature and principle of my invention.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. A packet of protective containers including a plurality of bags each having a rear wall, a front wall provided with an upper margin, and a flap disposed to the rear of said rear wall in juxaposition thereto, said flap having a lower margin in downwardly spaced relation to the upper margin of said front wall so that when said flap is turned inside out it will cover a portion of said front wall, said flap and rear wall being provided with a line of perforations extending from one side to the other of the bag, the flap and rear wall being joined by a seam below the line of perforations so that the seam will form the top margin of the bag when the bag is severed at the line of perforations and the flap is turned inside out, and a hanger-board adapted to receive a hook-like wall support, said bags being fastened to said hanger-board so as to depend therefrom.

2. A packet of protective containers including a plurality of bags each having a rear wall, a front wall provided with an upper margin, and a flap disposed to the rear of said rear wall in juxaposition thereto, said flap having a lower margin in downwardly spaced relation to the upper margin of said front wall so that when said flap is turned inside out it will cover a portion of said front wall, said flap and rear wall being provided with a line of perforations extending from one side to the other of the bag, said flap and rear wall being joined by a seam disposed in downwardly spaced relation to said line of perforations and extending from one side to the other of the bag, and a hanger-board adapted to receive a hook-like wall support, said bags being fastened to said hanger-board by at least one staple so as to permit said bags to depend from said hanger-board, said staple extending through said rear wall and flap in upwardly spaced relation to said line of perforations.



3. A packet of protective containers including a plurality of bags each having a rear wall, a front wall provided with an upper margin, and a flap disposed to the rear of said rear wall in juxtaposition thereto, said flap having a lower margin in downwardly spaced relation to the upper margin of said front wall so that when said flap is turned inside out it will cover a portion of said front wall, said flap and rear wall being provided with a line of perforations extending from one side to the other of the bag, said flap and rear wall being joined by a seam located between said upper margin of said front wall and said line of perforations and extending from one side to the other of the bag, the seam being immediately below the line of perforations so that the seam will form the top margin of the bag when the bag is severed at the line of perforations and the flap is turned inside out, and a hanger-board adapted to receive a hook-like wall support, said bags being fastened to said hanger-board by at least one staple so as to permit said bags to depend from said hanger-board.


**References Cited by the Examiner**

UNITED STATES PATENTS

| | | | |
|---|---|---|---|
| 2,842,179 | 7/1958 | Hoeppner | 150—7 |
| 2,997,167 | 8/1961 | Westfall | 206—57 |
| 3,008,569 | 11/1961 | Murch | 206—19.5 |
| 3,015,918 | 1/1962 | Schoen. | |
| 3,044,233 | 7/1962 | Altman | 206—57 |
| 3,100,569 | 8/1963 | White | 206—57 |
| 3,144,960 | 8/1964 | Membrino | 206—57 |
| 3,145,839 | 8/1964 | Lowry | 206—57 |



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