April 25, 1967 H. J. KARL 3,315,684

FILING SYSTEMS

Filed Oct. 13, 1965

Fig.1

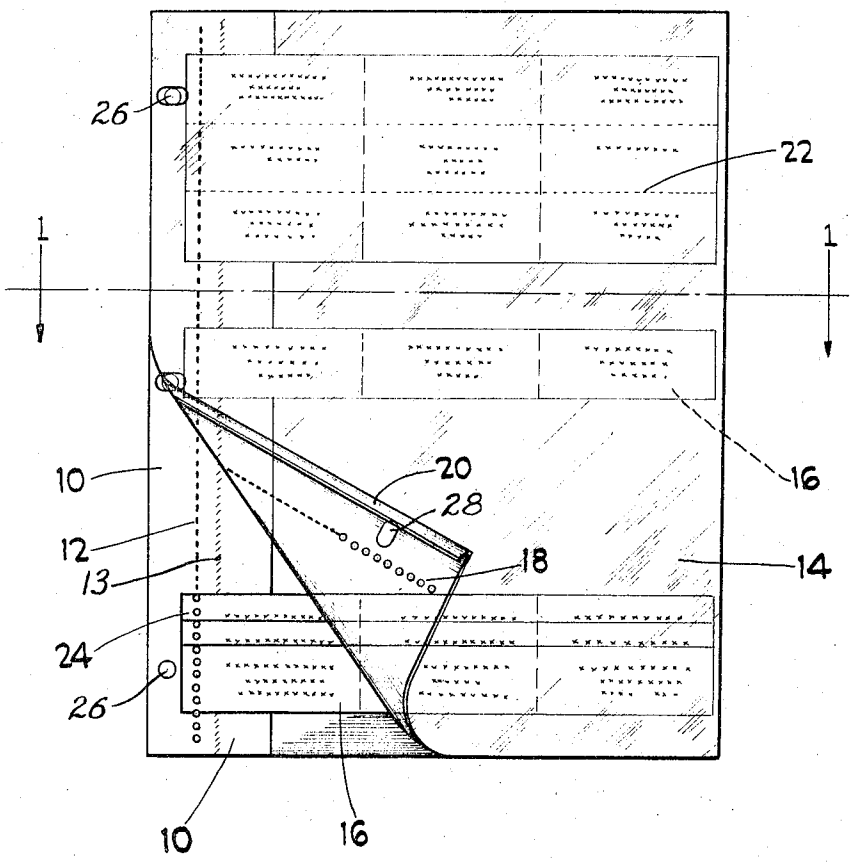
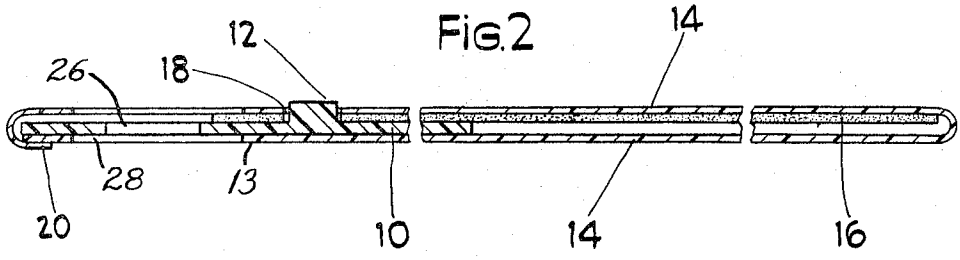


Fig.2



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FILING SYSTEMS

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1 Claim. (Cl. 129—21)

This invention relates to listing or indexing systems and more particularly to an assembly or device for listing a plurality of individual strips, on which items of information have been typed, within a transparent folder or envelope enabling the strips to be conveniently substituted for others or have their arrangement readily altered.

An object of primary importance of the invention is to provide a holding member having a series of retaining means, such as small studs, extending from one surface along one of its longitudinal edges; the strips, previously provided with names and addresses, or other items of information, data, etc., being retained in position by engagement with the retaining means on the holding member along one of their end edges.

A feature of importance of the invention is that the studs, comprising the retaining means for the strips, are uniformly spaced apart and engage several openings extending along the edge of a strip; these studs and openings on the strips being so spaced that the strips may be mounted in positions partially overlapping adjacent strips.

Another object of the invention of importance is that the holding member and strips are enclosed by a folded transparent member or envelope, one of its edges being attached to the under side of the holding member and the folded over portion or panel having openings adjacent its free end to engage over the studs on the holding member.

Another feature of the invention that is important is that the strips may be typed with items of informaion, or data, before being separated individually from a sheet of letter size paper for convenience in typing the strips, the sheet having lines of horizontal perforations so that the strips may be conveniently separated before mounting on the holding member.

With the above and other objects in view, the invention may include the features of construction and operation set forth in the following specification and illustrated in the accompanying drawing.

In the accompanying drawing annexed hereto and forming a part of this specification, I have shown the invention embodied in a simple form of filing device adapted for keeping up-to-date a number of items of information, such as names, addresses, lists of articles and their sales prices, etc., but it will be understood that the invention may be otherwise embodied and that the drawing is not to be construed as defining or limiting the scope of the invention, the claims appended to this specification being relied upon for that purpose.

In the drawing:

FIG. 1 is a plan view, showing one embodiment of the invention; and

FIG. 2 is a sectional view upon an enlarged scale of the embodiment shown in FIG. 1, taken on the plane of line 1—1.

In the above mentioned drawing, there has been shown but one embodiment of the invention which is now deemed preferable, but it will be understood that changes and modifications may be made within the scope of the appended claims without departing from the spirit of the invention.

Referring more in detail to the figures of the drawing there is shown at **10** a holding member. This member preferably is formed from a strip of flexible plastic material such as polyethylene. As shown, this holding member **10** is of elongated rectangular form and is provided with a vertical line of spaced short studs **12** adjacent one edge and outstanding from its upper surface. These studs **12** may be molded in and form an integral part of the holding member **10**. Preferably and as shown in the drawing, the spacing of the studs **12** corresponds to a standard spacing of typewritten lines.

To the under surface of this holding member **10** is attached as by heat sealing, or other means indicated at **13**, a transparent enclosing member **14**. Along its right hand side the enclosing member **14** is folded over so that the strips **16**, presently to be more fully described, may be completely enclosed. The folded over or upper panel of this enclosing member **14** as shown is provided with a series of holes **18** so that the free end of the upper panel may be closely fitted to the upper surface of the holding member **10** and strips **16**. Also, this edge of the upper panel of member **14** may be extended as shown at **20** and permanently folded to extend under the left hand edge of the holding member **10**.

Housed between the holding member **10** and the upper and lower panels of the envelope member **14** are the strips **16** previously typed or otherwise provided with data, such as names, addresses, stock prices, etc. thereon. Preferably the items of data on the strips **16** are provided before separating the individual strips, that is, while they are still in sheet form. Parallel horizontal lines of perforations **22** suitably spaced apart are provided on the sheets from which the strips are separated enabling any strip to be separated from the sheet.

To obtain the maximum number of strips **16** in position on a holding member **10**, all strips **16** of a sheet are separated one from the other and may be mounted in partially overlapped positions. Each strip **16** has several spaced openings **24** along its left hand end to engage over the studs **12** on the holding member **10** and retain the strips **16** in horizontal position.

In the use of this listing device the strips **16** before separation may initially be positioned within the envelope member **14** and retained in position by the studs **12**. As changes are required to bring the information up-to-date, the sheet from which the strips **16** are formed may be separated along its horizontal perforations **22** and other strips **16** previously typed with the new data inserted in their place.

Also to obtain maximum information on the device the individual strips **16** previously typed may be mounted in partially overlapped or shingled relation to each other as shown in the lower portion of FIG. 1.

The listing device may from time to time be photocopied by any standard photo copying machine to show the information on the strips **16** or that portion exposed when the strips are in overlapped positions. In the embodiment of the invention shown in the drawing, each strip **16** has three horizontally positioned items of information. Also, each item has its data in three lines of typing. In placing the strips **16** on the holding member **10**, one or all lines of this data may as desired be exposed, the remaining lines being covered by adjacent strips.

To retain several listing devices within standard loose-leaf binders the member **10** may be provided with holes or perforations **26** to accommodate the retaining rings of the binder. Also matching these perforations **26** are openings **28** provided in the upper and lower panels of the enclosing member **14**.

I claim as my invention:

A listing device comprising,

a narrow flexible plastic holding member,

a series of short spaced studs outstanding from the upper surface and extending along a longitudinal edge of said holding member,

removable strips of flexible material extending beyond said holding member and engaging said studs adjacent one end,

indicia on said strips disposed laterally beyond said holding member, and

an enclosing flexible transparent plastic member having a panel attached to the under surface of said holding member and another panel integral therewith and extending over said holding member and strips, said second panel having openings engaging said studs adjacent its free edge and having its free edge beyond said openings folded under the outer edge of the holding member.

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