The invention relates to packaging of sheets of paper such as napkins or toilet paper in roll form, the sheets making up the roll being interleaved and it is an object of the invention to provide a roll of paper formed of interleaved sheets in such a manner that the withdrawal of a sheet from the roll will pull out the end of the succeeding sheet.

It is a further object of the invention to provide a roll of interleaved sheets packaged in a carton of cheap construction which can be thrown away after the sheets have been used.

Further objects of the invention will appear from the following description read in connection with the accompanying drawings, showing illustrative embodiments of the invention and wherein:

Figure 1 is a perspective view of a carton with sheets protruding therefrom showing the form of interfold.

Fig. 2 is a vertical section on line 2—2 of Fig. 1.

Fig. 3 is a horizontal section on line 3—3 of Fig. 2.

Fig. 4 is a detail perspective view showing a modified form of interfold, and

Fig. 5 is a like view of a still further modified form.

As shown in Figures 1 to 3 inclusive, the device comprises a plurality of sheets 10, 11, each doubled upon itself at its central portion 12 and the ends of the sheets telescoped together. Desirably each sheet as 10 has its end overlying the succeeding sheet 11 in the manner shown in Fig. 1, although the opposite telescopic relation would be operative.

With this arrangement the two halves 13, 14 of a sheet as 10 enclose the two halves of the succeeding sheet as 11 and the friction between the surfaces of the overlapping sheets will act to draw out the succeeding sheet from the roll.

To provide a cheap form of carton in which the rolls may be packaged and sold there is shown a cylindrical carton 15 formed with disk-like ends 16, 17, about which is wound a sheet of relatively stiff paper 18, the edges of the sheets longitudinally of the cylinder being slightly overlapped as shown at 19, 20, thus providing a slot through which the sheets may be dispensed.

A modified form of interleaf is shown in Fig. 5, wherein each of the sheets is folded upon lines 21, 22 parallel and spaced from opposite edges of the sheet and the thus-provided tabs are interleaved with the corresponding tabs of the preceding and succeeding sheets of the roll, it being understood that the form of interleave of Fig. 4 may be rolled in the same manner as the form shown in Figures 1 to 3 inclusive, and may be packaged in a like carton.

The fold of Fig. 4 is similar to that of Fig. 1 with the exception that each alternate sheet in the roll is inverted so that the raw edges in alternate sheets are enclosed in the bight of the remaining sheets. An advantage of this arrangement is that the roll when completed will be of the same density at each end.

It is obvious that this form of interleaf may be used with ends of the superimposed halves of the sheet enclosing only one of the ends of the overlapping halves of adjacent sheets.

There is thus provided a simple and effective package of roll sheets which will be kept clean until the roll is exhausted and which may be delivered to the user in a carton which may be thrown away when empty.

The form of interleaving of Fig. 1 would operate in exactly the same manner if each sheet were again folded to a quarter width and interleaved as shown and the form of interleaving of Fig. 4 may be modified by making the tabs either wider or more narrow than that shown if a sheet of different width is desired.

These and other slight changes may be made in the physical embodiment of the invention without departing from the spirit thereof within the scope of the appended claims.

I claim:

1. A roll of sheets comprising, in combina-...
tion, a plurality of sheets, each sheet folded longitudinally to provide superimposed parts, successive sheets having the end of the multi-thickness of the folded sheet enclosed between the superimposed parts of the adjacent sheets for a portion of the length thereof.

2. A roll of sheets comprising, in combination, a plurality of sheets, each sheet folded longitudinally to provide superimposed parts, at least one of the superimposed parts enclosed between superimposed parts of an adjacent sheet for a portion only of the length of the folds, the thus formed strip of interleaved sheets formed into a roll.

3. A roll of sheets comprising, in combination, a plurality of sheets each folded longitudinally to provide superimposed parts, transverse portions of each sheet after the first overlapped with adjacent transverse portions of other sheets, the multi-thickness of one of the overlapping portions enclosed between the superimposed parts of the sheet overlapped therewith.

4. A roll of sheets comprising, in combination, a plurality of sheets, each sheet folded longitudinally on a line adjacent the center of the sheets, transverse portions of the thus provided superimposed portions of each sheet after the first interleaved with superimposed portions of adjacent sheets and the thus provided strip of sheets formed into a roll.

5. A roll of sheets comprising, in combination, a plurality of sheets, each sheet folded longitudinally on a line adjacent the center of the sheet, transverse portions of the thus provided superimposed portions of each sheet after the first enclosing the multi-thickness of one adjacent sheet for a portion of its length and enclosed between transverse superimposed portions of the other adjacent sheet, the thus provided strip of interleaved sheets formed into a roll.

6. A roll package of interleaved sheets comprising a cylindrical container formed of a sheet of material with its edges adjacent each other axially of the cylinder to provide a slot and a roll of sheets housed in said container, each sheet folded longitudinally to provide superimposed portions, said portions of each sheet interleaved transversely with superimposed portions of adjacent sheets, the folded end of the outside sheet of the roll projecting from said slot.

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