March 4, 1924. 1,486,079

J. M. FERNANDEZ

HOLDER FOR PAPER NAPKINS

Filed Aug. 15, 1922 2 Sheets-Sheet 1

Fig. 1.

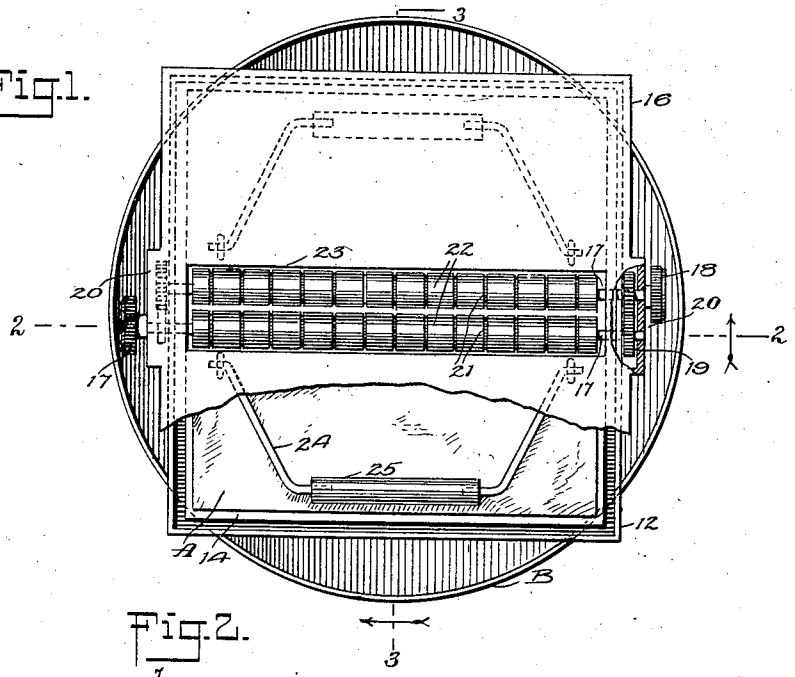
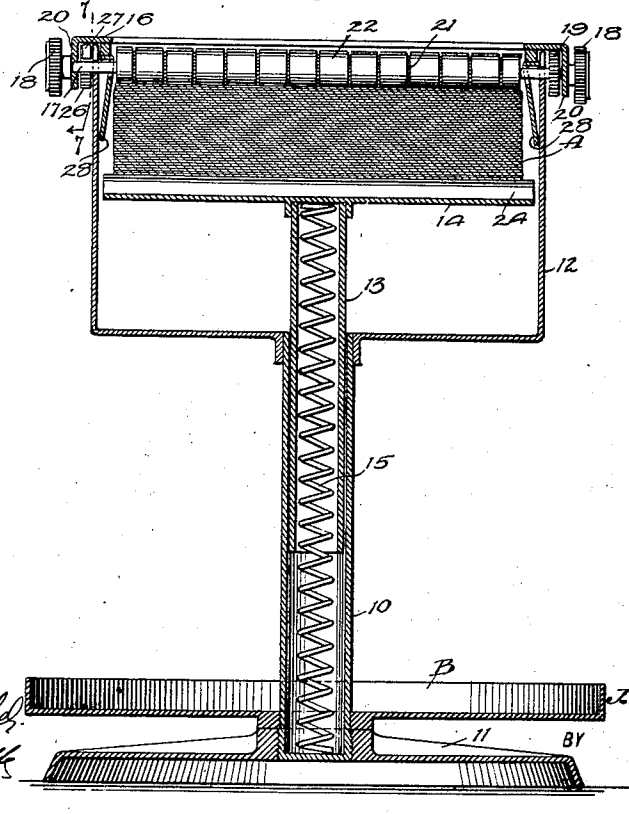


Fig. 2.



WITNESSES

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Fig. 3.

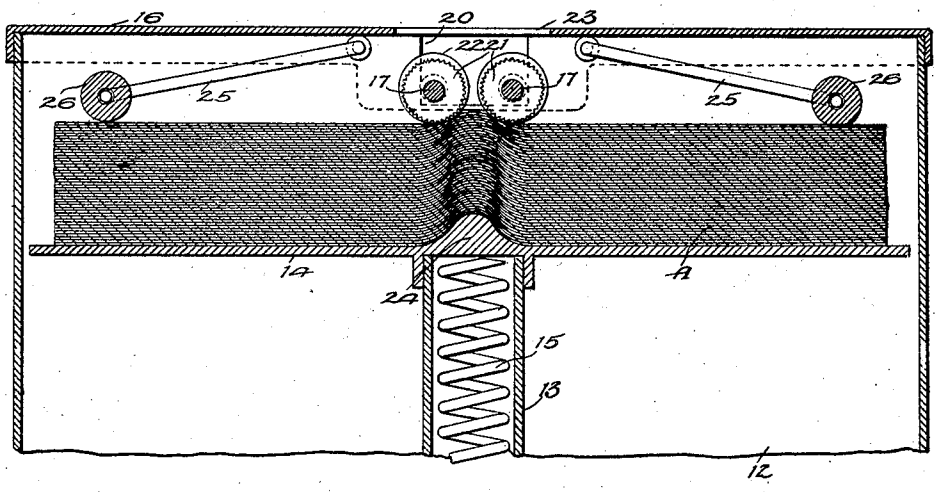


Fig. 4.

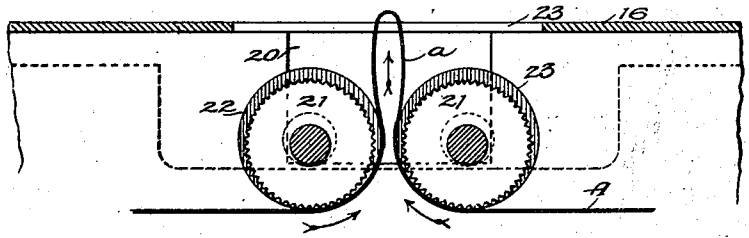


Fig. 5

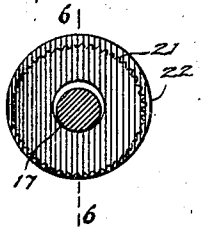


Fig. 6.

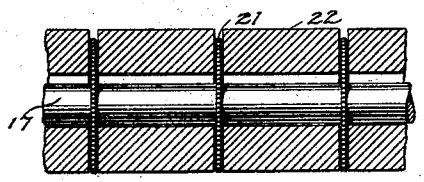
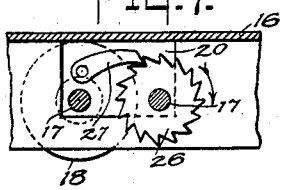


Fig. 7.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN M. FERNANDEZ, OF NEW YORK, N. Y.

HOLDER FOR PAPER NAPKINS.

Application filed August 15, 1922. Serial No. 582,080.

To all whom it may concern:

Be it known that I, JOHN M. FERNANDEZ, a subject of the King of Spain, and a resident of the city of New York, borough of Manhattan, in the county of New York and State of New York, have invented a new and Improved Holder for Paper Napkins, of which the following is a description.

My invention relates to holders for paper napkins adapted to be used in restaurants.

The general object of the invention is to provide a holder that will make provision for the convenient delivery of the napkins in single succession.

A more specific object of the invention is to provide a construction reflecting practical considerations with respect to simplicity of construction, the precision with which the napkins are taken in succession from a stack and especially to provide for preventing the winding of the napkins about rollers employed for the delivery of the napkins.

Reference is to be had to the accompanying drawings forming a part of this specification, it being understood that the drawings are merely illustrative of one example of the invention.

Figure 1 is a plan view of a holder embodying my invention, portions of the cover plate being broken away;

Figure 2 is a longitudinal vertical section on the line 2—2, Figure 1;

Figure 3 is a transverse section of the upper portion of the holder as indicated by the line 3—3, Figure 1;

Figure 4 is an enlarged cross section taken through the rollers and a portion of the cover, the view indicating the manner in which the napkins are caused to be delivered;

Figure 5 is a cross section through one of the rollers;

Figure 6 is a longitudinal section of the roller as indicated by the line 6—6, Figure 5;

Figure 7 is an enlarged detail at one end of the rollers as indicated by the line 7—7, Figure 2.

In carrying out my invention in accordance with the illustrated example a tubular standard 10 is provided, rising from a base 11, said standard supporting rigidly a box 12 open at the top. The tubular stem 13 telescopes in the standard 10 and carries a table 14 at the top adapted to support a stack of napkins indicated at A. The base 11 may have a tray B disposed about standard 10 and adapted to receive miscellaneous articles such as condiment holders for example.

Within the tubular stem 13 is a coil spring 15 resting at its lower end at the base of standard 10 and exerting its pressure at the upper end against the table 14 tending to press said table and the napkins A thereon upwardly.

A removable cover 16 is provided on the box 12 and in the downturned flanges 20 thereof turns a pair of parallel roller shafts 17 each having at one end a milled head 18 or equivalent means for turning the shafts. Said shafts 17 are geared together by pinions 19 so that the turning of one will turn both, the shafts turning toward each other. The napkin pick-up rollers are completed by toothed disks 21 rigid at intervals thereon and sleeves 22 between the disks, said disks serving to engage and pick up the uppermost napkin and cause the same to rise in doubled form between the rollers as indicated at *a*, Figure 4.

The bore of each sleeve 22 is materially larger than the shaft 17 so that said sleeves when pressed against by the stack of napkins A under the pressure of the spring 15 will cause said sleeves to be eccentric to the shaft, the tops of the sleeves rising above the disks 21, the purpose of which arrangement is to prevent a napkin from catching on the disks 21 and winding thereon, the sleeves 22 serving to detach the napkin and cause it to clear the sleeves and disk and rise between the pair of rollers as at *a*.

The napkin rises through an opening 23 in the cover 16.

The table 14 in practice advantageously is formed with a rib 24 at the top surface alined with the space between the rollers to give a bend to the napkins A for the ready gripping of the uppermost napkin by the rollers.

To hold the napkins in proper form and still permit the top napkin to be picked up I provide weights in the form of arms 25 pivoted in the box 12 and carrying weight rollers 26 resting on the top of the stack of napkins.

At one end of the rollers each one of the shafts 17 thereof has a ratchet wheel 26 and adjacent to the same is pivoted a pawl 17 to engage said wheel for preventing a retrograde movement of the pick-up

rollers. I provide guards 28 at the ends of the pick-up rollers, said guards consisting of plates carried by the cover 16 at the under side and formed in position to lie oblique to the sides of the box 12 at the interior of the latter as shown in Figure 2.

By arranging the pick-up rollers and other appurtenances on the cover 16 the parts are positioned by the placing of the cover and removed with the removal of the cover to afford unrestricted access to the table 14 for the placing of the stack of paper thereon.

I would state in conclusion that while the illustrated example constitutes a practical embodiment of my invention, I do not limit myself strictly to the exact details herein illustrated, since, manifestly, the same can be considerably varied without departure from the spirit of the invention as defined in the appended claims.

Having thus described my invention, I claim:

1. In a holder of the class described, a support adapted to receive stacked sheets, and a pair of pickup rollers above the support, each roller comprising a shaft, toothed disks on the shaft and sleeves loose on the shaft between the disks and adapted to assume an eccentric relation to the disks to cause detachment of the sheets tending to wind about the disks.

2. A holder of the class described including a support adapted to receive stacked sheets, a pair of pick-up rollers above the plane of the support, and means at the bottom of the stack to maintain contact between the rollers and the uppermost sheet of the stack; together with pivoted weight means adapted to bear on the stack at the sides of the pair of rollers.

3. A holder of the class described including a support adapted to receive stacked sheets, a pair of pick-up rollers above the plane of the support, and means at the bottom of the stack to maintain contact between the rollers and the uppermost sheet of the stack; together with weights adapted to bear on the stack at each side of the pair of rollers.

4. A holder of the class described including a support adapted to receive stacked sheets, a pair of pick-up rollers above the plane of the support, and means to maintain contact between the rollers and the uppermost sheet of the stack; together with arms having weight rollers and pivotally supported in position for the rollers to rest on the stack of sheets.

5. A holder of the class described including a receptacle, a support in said receptacle adapted to receive stacked sheets, a cover for said receptacle, a pair of pick-up rollers carried by said cover and adapted to pick up the sheets in succession, and guards on the cover adjacent the ends of the rollers and projecting below the latter to guide the sheets between the rollers.

JOHN M. FERNANDEZ.