June 5, 1956 H. BERBER 2,749,198

COMPARTMENT CONTAINER FOR GARMENT LABELS

Filed Feb. 17, 1954 3 Sheets-Sheet 1

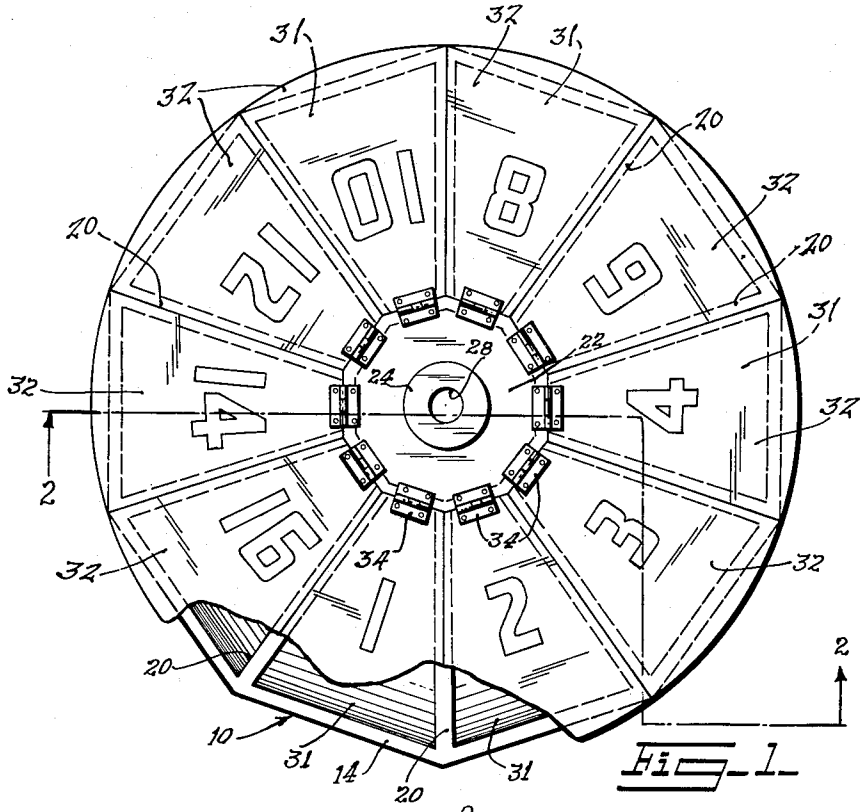


Fig. 1

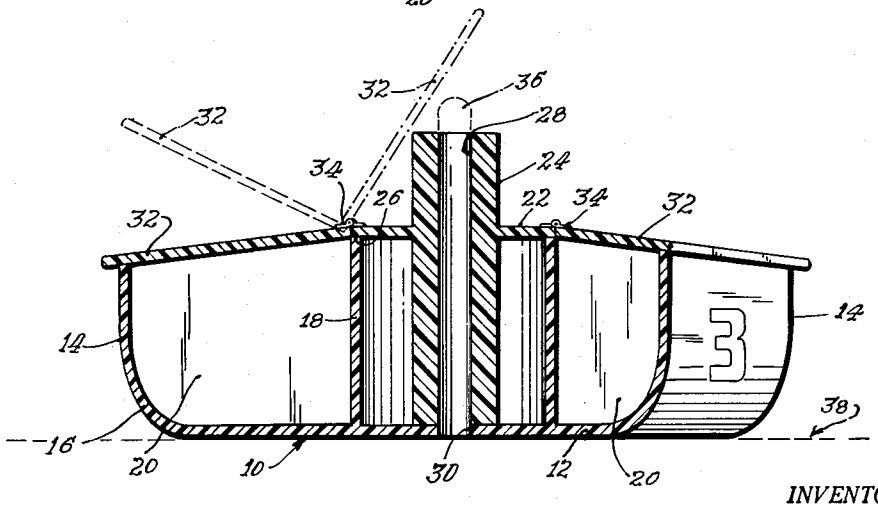


Fig. 2

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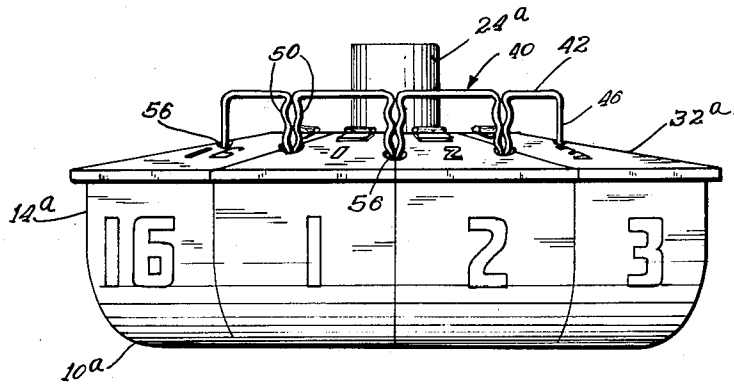


Fig. 3

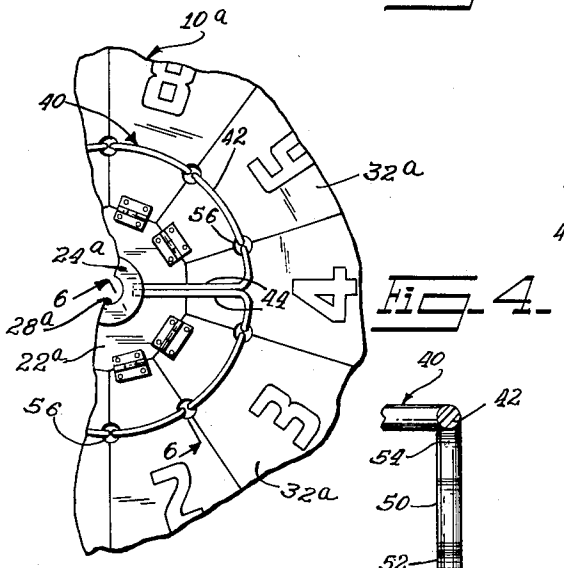


Fig. 4

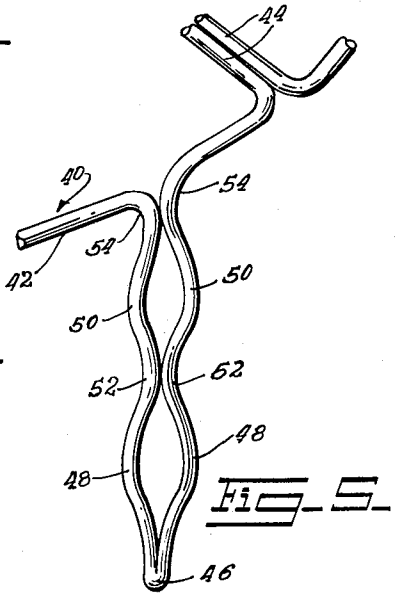


Fig. 5

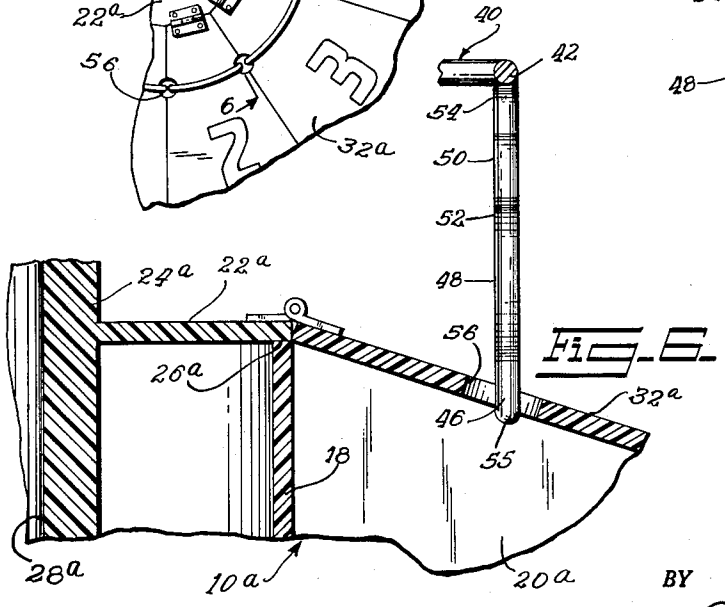


Fig. 6

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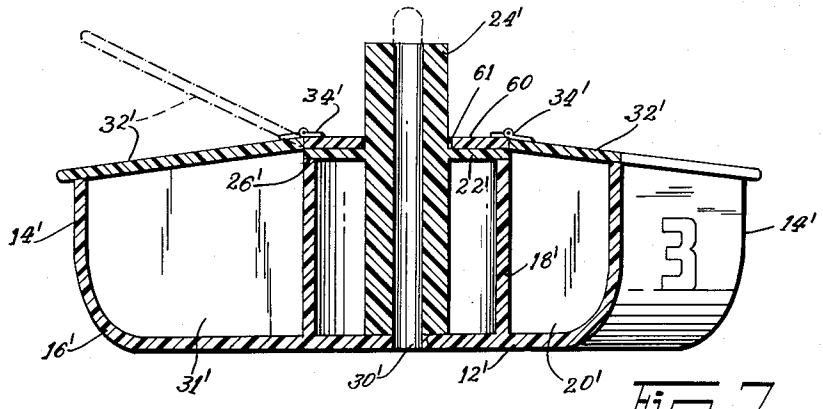


Fig. 7.

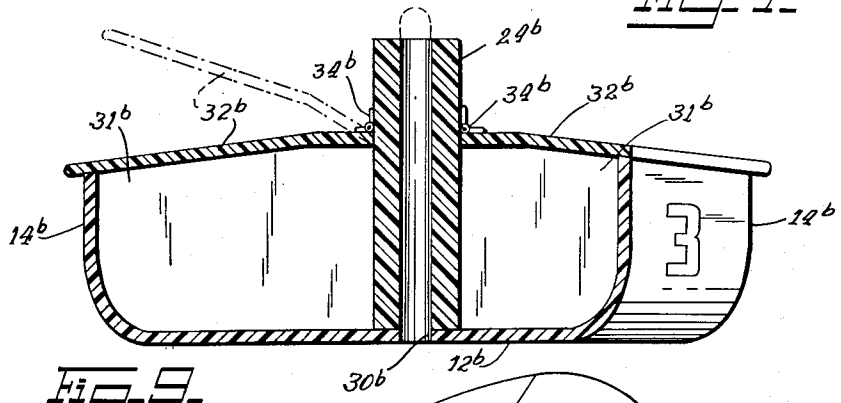


Fig. 9.

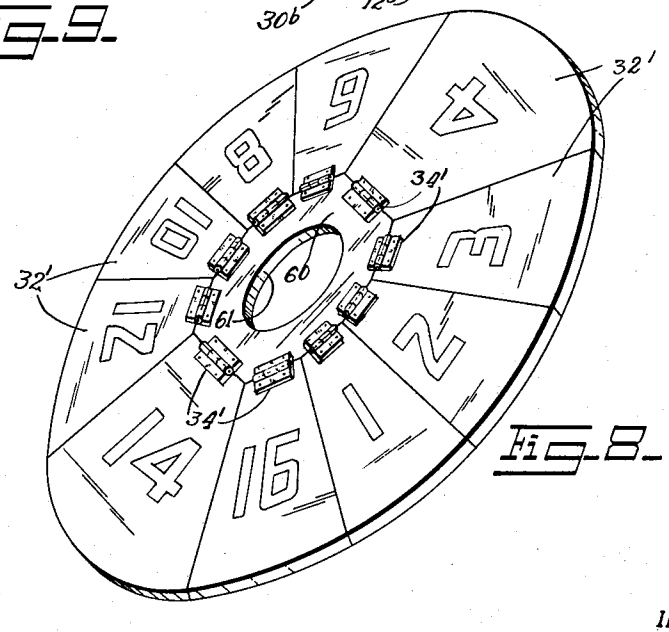


Fig. 8.

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COMPARTMENT CONTAINER FOR GARMENT LABELS

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Application February 17, 1954, Serial No. 410,928

5 Claims. (Cl. 312—252)

This invention relates to a compartmented container adapted to hold, in a conveniently accessible position, various garment labels, each compartment of the container being adapted to hold a particular type or size of label, and being suitably marked upon the exterior surface thereof to denote the label housed therein.

The main object of the present invention is to provide a compact rotary file particularly adapted for use by garment workers, which file can be rotatably mounted upon the conventional shaft forming a part of the spool holder of a sewing machine, thereby to permit the file to be rotated to a selected position for removal of one or more of the selected labels.

Another object of importance is to provide a device of the type referred to which will be so designed as to have each compartment covered by a hinged flap, said flap normally swinging to a closed position, but being readily elevatable to expose the labels contained in the associated compartment.

Another object of importance is to provide a device of the nature referred to wherein the bottoms of the compartments will be so shaped as to facilitate the removal of labels therefrom.

Still another object is to provide a rotary filing device of the nature stated wherein the outer walls, as well as the flaps of the compartments, will be clearly marked to designate the labels housed within the compartments, thereby to permit selection of a proper compartment without difficulty, whether the device is being seen from the side or from the top.

Yet another object is to incorporate, in a filing device of the type stated, means for releasably holding the hinged flap in a raised position, so as to leave the compartment open for a selected period of time.

A further object of importance is to incorporate, in at least one form of the invention, an inexpensive, generally annular flat retaining means, which can be formed from a single length of wire material shaped to include vertically spaced detents for each of the circumferential series of flaps embodied in the device.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a top plan view of a rotary filing device formed in accordance with the invention, portions of some of the flaps being broken away.

Fig. 2 is a sectional view on line 2—2 of Fig. 1, the dash-dotted and chain-dotted lines showing different positions of the flaps.

Fig. 3 is a slide elevational view of a modified form.

Fig. 4 is a fragmentary top plan view of said modified form.

Fig. 5 is a fragmentary, enlarged, detail perspective

view of the means for holding the flaps in raised position, in the modified form.

Fig. 6 is an enlarged, detail sectional view substantially on line 6—6 of Fig. 4.

Fig. 7 is a view similar to Fig. 2 but showing a modified form of the invention.

Fig. 8 is a perspective view of the cover unit used in Fig. 7.

Fig. 9 is another view similar to Fig. 2 but showing a still further modification of the invention.

The rotary filing device 10 constituting the present invention includes a relatively shallow receptacle of plastic or any other suitable material having a flat, generally circular bottom 12 integral with an upwardly extending, polygonal, peripheral flange 14, the intersection of the flange with the bottom 12 being rounded as at 16.

An upstanding, cylindrical inner wall 18 is integral with the center portion of the bottom 12. It may, however, be rigidly secured to said bottom in any other suitable manner. Inner wall 18 rises to a height slightly greater than that of the peripheral flange 14, and integrally connecting said flange and inner wall are radial partitions 20.

In the illustrated example flange 14 has ten sides of equal length, and partitions 20 meet the flange at the intersection points of the sides (Fig. 1). Partitions 20 are thus uniformly spaced circumferentially of the container. The upper edges of the partitions are inclined slightly, slanting downwardly from the upper end of inner wall 18 to the top edge of flange 14.

A center post 24 of cylindrical formation is of substantially smaller exterior diameter than the diameter of inner wall 18. Post 24 is, further, substantially greater in height than the inner wall 18, and is preferably formed integral with a circular, flat ledge 22 the periphery of which is secured to the upper edge of wall 18, adhesively or otherwise, as shown at 26.

Formed in the center post 24 is an end-to-end axial bore 28, registering with a center opening 30 formed in the bottom 12 of the container.

By reason of the construction illustrated and described, there are defined compartments 31 arranged in side-by-side relation throughout the circumference of the container, each compartment tapering in a direction radially and inwardly of the container, with the bottom of each compartment merging into an ascending curved portion where said bottom intersects with the adjacent portion of peripheral flange 14 of the container.

The tops of the several compartments are normally closed by upwardly swingable, hinged flaps 32, the outer edges of which are arcuately formed, so as to cause said flaps to define a circular flap assembly when the device is viewed from above as in Fig. 1. The flaps are tapered correspondingly to the compartments, but are slightly wider than the compartments, as best shown in Fig. 1. As a result, the several flaps have their side edges seated upon the ledges defined by the top edges of the radial partitions 20, said partitions being comparatively wide to permit each partition to accommodate the contacting side edges of adjacent flaps 32.

Flaps 32, at their inner edges, abut against the polygonally shaped ledge member 22, and are hingedly connected to said ledge member by hinges 34.

The flaps are marked with numerical indicia, selected according to the particular labels to be housed in the compartments. Thus, the numerals clearly marked upon the flaps in Fig. 1 designate various types of labels, any of which may be needed by the particular worker. Further, as shown in Fig. 2, the outer walls of the compartments, defined by the several sides or facets of flange 14, are marked correspondingly to the flaps of the compart-

ments. This permits the compartments to be identified both from the side and from above when in use.

The container formed as shown is rotatably mounted upon the shaft **36** of a spool assembly of a sewing machine **38**, thus to conveniently locate the container where it can be turned with facility by the worker for removal of labels of a selected compartment.

In many instances, it may be desired to leave a particular compartment open for removal of a number of labels. In such instances the flap **32** can be swung upwardly to the chain-dotted position shown in Fig. 2, in which position it is supported against the upper end of the post **24**. Ordinarily, however, the lip defined by the projecting outer edge portion of each flap is adapted to facilitate the raising of the flap for insertion of one's fingers into the compartment, the flap simply being elevated into the dash-dotted position shown in Fig. 2.

In Figs. 3–6 there is shown a modified form wherein the flaps can be swung upwardly and held in selected positions to which they are opened. In this form the container **10ª** is basically similar to the container **10**, having a peripheral flange **14ª**, an upstanding center post **24ª**, and a circumferential series of inwardly tapering compartments. In other words, the device shown in Figs. 3–6 is similar in all respects to that shown in Figs. 1 and 2, except for the following.

In the modified form, the flaps **32ª** are formed, at their opposite sides, with small recesses, for a purpose to be made presently apparent. Surrounding the center post, and spaced outwardly from said center post, is a horizontally disposed, circular, flap-retaining member **40** formed from a single length of inexpensive spring wire material the main portion of which is circularly shaped as shown in Fig. 4, the ends of said length being turned inwardly in contact with one another as at **44**, and being embedded within the center post **24ª** (Fig. 4).

At spaced intervals along its length, the circular body portion of the flap retaining member is integrally formed with depending fingers **46**. Each finger is formed by folding a portion of the spring wire upon itself, the folded portions, at the lower or free ends of the fingers, being in contact with one another for a short distance. Immediately above the lower end of the finger, the contacting portions diverge to form oppositely and outwardly bowed portions **48**. Similar bowed portions **50** are disposed above the portions **48**, the wire being bent inwardly to bring the folded parts thereof into contact as at **52**, between the outwardly bowed portions **48**, **50**. The contacting parts between the bowed portions **48**, **50** cooperate to define latching recesses at opposite sides of the finger, immediately between the ends of the finger. Other latching recesses **54** are defined at opposite sides of the finger where the finger intersects with the circular body portion of the length of spring wire.

Each finger extends downwardly with its lower end engaged in a recess **56** formed in each radial partition **20ª**. This is shown in Fig. 6, and as also shown in this figure, the lower end of each finger extends between complementary, confronting recesses **56** formed in the contacting side edges of each pair of adjacent flaps **32ª**.

By reason of this arrangement, each flap can be swung upwardly, and initially, will bind against the outwardly bowed spring portions **48**. The spring portions **48** will be resiliently flexed inwardly, and continuing upward movement of the selected flap will cause said flap to engage in a latching recess **52**, the spring portion **48** immediately below said latching recess springing outwardly to hold the flap in the recess. This permits removal of labels by the user. If desired, the flap can be swung upwardly to a greater extent, passing the upper spring portions **50** and engaging in latching recesses **54**.

By reason of the above, it is seen that a comparatively inexpensive detent or latching means is provided for the entire circumferential series of flaps, with each flap being releasably engaged in any of a plurality of raised positions.

As will be readily perceived, the device has very practical aspects for a garment worker, in that it provides a convenient and compact container for the variously sized labels used by the worker. Further, the container is conveniently mounted upon a conventional part of a sewing machine, and can be swiftly rotated upon said part to dispose a particular compartment in proper position for removal of labels therefrom.

In Figs. 7 and 8 a cover disc **60** is shown with a circular opening **61** adapted to slide over the post **24** and rest upon the flat edge **22** of the post member **24**. This cover disc is provided with hinged flaps **32'**, hinged at **34'** to the cover disc **60**. This arrangement will permit the removal of the cover disc **60** with its hinged flaps **32'** to leave the compartments **31** which are formed by the radial partitions **20**, completely open. In other respects, this form of the invention is similar to the preferred form.

In Fig. 9 the flaps **32ᵇ** are shown to be hinged at **34ᵇ** to the center post **24ᵇ**. In this form of the invention the inner wall member **18** is eliminated. In other respects this form of the invention is similar to the previous forms and the various parts may be recognized with corresponding reference numerals with the exponent "*b*" added.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A rotary holder for garment labels adapted for mounting on a spindle of a sewing machine, comprising a receptacle, means defining a series of label compartments therein, means on the receptacle for rotatably mounting the same upon a sewing machine spindle, and individual cover means for the several compartments, said compartment-defining means including a circumferential series of radial partitions in the receptacle, a peripheral, upstanding flange on the receptacle, and an inner wall concentric with said flange, the partitions extending from the inner wall to said flange, said cover means including a plurality of flaps corresponding in number to the several compartments and hinged for up-and-down swinging movement at the inner wall of the receptacle, said means for rotatably supporting the receptacle comprising an upstanding center post axially bored to receive the spindle and rigid with the receptacle at the center thereof, the holder further including means to support the flaps in raised positions, comprising an annular body surrounding the center post and depending fingers on the body occurring at the meeting points of adjacent flaps and formed with latching recesses in which said flaps are engageable in selected, raised positions thereof.

2. A rotary holder for garment labels adapted for mounting on a spindle of a sewing machine, comprising a receptacle, means defining a series of label compartments therein, means on the receptacle for rotatably mounting the same upon a sewing machine spindle, and individual cover means for the several compartments, said compartment-defining means including a circumferential series of radial partitions in the receptacle, a peripheral, upstanding flange on the receptacle, and an inner wall concentric with said flange, the partitions extending from the inner wall to said flange, said cover means including a plurality of flaps corresponding in number to the several compartments and hinged for up-and-down swinging movement at the inner wall of the receptacle, said means for rotatably supporting the receptacle comprising an upstanding center post axially bored to receive the spindle and rigid with the receptacle at the center thereof, the holder further including means to support the flaps in raised positions, comprising an annular body surround-

ing the center post and depending fingers on the body occurring at the meeting points of adjacent flaps and formed with latching recesses in which said flaps are engageable in selected, raised positions thereof, said body and fingers being formed from a single length of spring material.

3. A rotary holder for garment labels adapted for mounting on a spindle of a sewing machine, comprising a receptacle, means defining a series of label compartments therein, means on the receptacle for rotatably mounting the same upon a sewing machine spindle, and individual cover means for the several compartments, said compartment-defining means including a circumferential series of radial partitions in the receptacle, a peripheral, upstanding flange on the receptacle, and an inner wall concentric with said flange, the partitions extending from the inner wall to said flange, said cover means including a plurality of flaps corresponding in number to the several compartments and hinged for up-and-down swinging movement at the inner wall of the receptacle, said means for rotatably supporting the receptacle comprising an upstanding center post axially bored to receive the spindle and rigid with the receptacle at the center thereof, the holder further including means to support the flaps in raised positions, comprising an annular body surrounding the center post and depending fingers on the body occurring at the meeting points of adjacent flaps and formed with latching recesses in which said flaps are engageable in selected, raised positions thereof, said body and fingers being formed from a single length of spring material, the ends of said length being secured fixedly to the center posts, portions of said length being folded upon themselves at locations spaced circumferentially of the body to define said fingers.

4. A rotary holder for garment labels adapted for mounting on a spindle of a sewing machine, comprising a receptacle, means defining a series of label compartments therein, means on the receptacle for rotatably mounting the same upon a sewing machine spindle, and individual cover means for the several compartments, said compartment-defining means including a circumferential series of radial partitions in the receptacle, a peripheral, upstanding flange on the receptacle, and an inner wall concentric with said flange, the partitions extending from the inner wall to said flange, said cover means including a plurality of flaps corresponding in number to the several compartments and hinged for up-and-down swinging movement at the inner wall of the receptacle, said means for rotatably supporting the receptacle comprising an upstanding center post axially bored to receive the spindle and rigid with the receptacle at the center thereof, the holder further including means to support the flaps in raised positions, comprising an annular body surrounding the center post and depending fingers on the body occurring at the meeting points of

adjacent flaps and formed with latching recesses in which said flaps are engageable in selected, raised positions thereof, said body and fingers being formed from a single length of spring material, the ends of said length being secured fixedly to the center posts, portions of said length being folded upon themselves at locations spaced circumferentially of the body to define said fingers, said folded portions having outwardly bowed spring members alternating with recessed, flap-receiving parts intervening between the spring members.

5. A rotary holder for garment labels adapted for mounting on a spindle of a sewing machine, comprising a receptacle, means defining a series of label compartments therein, means on the receptacle for rotatively mounting the same upon a sewing machine spindle, and individual cover means for the several compartments, said compartment-defining means including a circumferential series of radial partitions in the receptacle, a peripheral, upstanding flange on the receptacle, and an inner wall concentric with said flange, the partitions extending from the inner wall to said flange, said cover means including a plurality of flaps corresponding in number to the several compartments and hinged for up-and-down swinging movement at the inner wall of the receptacle, said means for rotatably supporting the receptacle comprising an upstanding center post axially bored to receive the spindle and rigid with the receptacle at the center thereof, the holder further including means to support the flaps in raised positions, comprising an annular body surrounding the center post and depending fingers on the body occurring at the meeting points of adjacent flaps and formed with latching recesses in which said flaps are engageable in selected, raised positions thereof, said body and fingers being formed for a single length of spring material, the ends of said length being secured fixedly to the center posts, portions of said length being folded upon themselves at locations spaced circumferentially of the body to define said fingers, said folded portions having outwardly bowed spring members alternating the recessed, flap-receiving parts intervening between the spring members, said flaps having recesses in their opposite side edges, the recesses of one flap confronting the recesses of the flaps at each side thereof, said recesses of the flaps receiving the finger between them.

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