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L. A. PHILLIPS
HUMIDOR FOR INKED RIBBONS

1,785,975

Filed July 27, 1926

FIG. 1

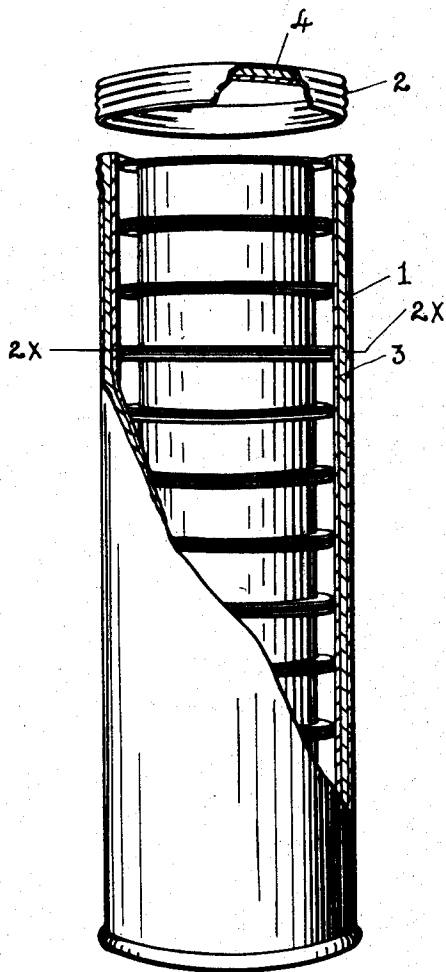


FIG. 2

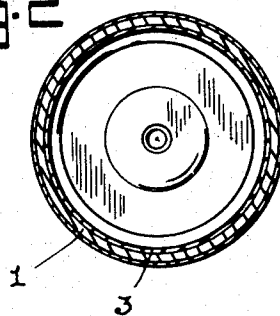
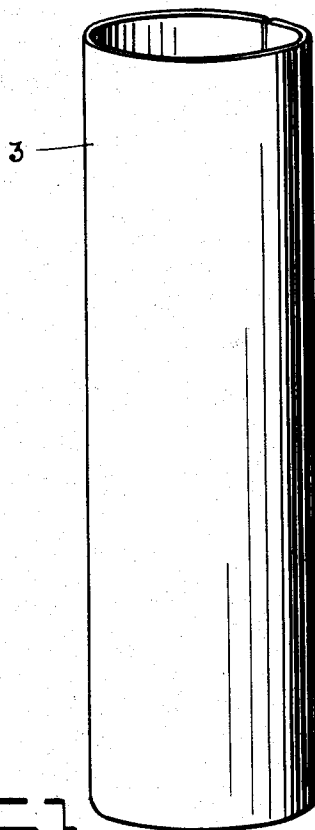


FIG. 3



Inventor
Leland A. Phillips

By

Frank Keiper

Attorney

UNITED STATES PATENT OFFICE

LELAND A. PHILLIPS, OF ROCHESTER, NEW YORK

HUMIDOR FOR INKED RIBBONS

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The object of this invention is to provide a box or humidor and new method of packing inked ribbons in this box to keep these ribbons from drying out for a long period while packed in the box. The box is intended more especially for typewriter duplicating ribbons wound on spools.

These and other objects of this invention will be fully illustrated in the drawing, described in the specification and pointed out in the claims at the end thereof.

In the accompanying drawing:

Figure 1 is a perspective view of a box packed according to my new invention, the box and cover being partly broken away to illustrate the construction of the box and method of packing the ribbon spools therein.

Figure 2 is a horizontal sectional view of the box, the section being taken on the line 2x, 2x of Figure 1.

Figure 3 is a detail perspective view of the humidor lining that is inserted into the box.

In the several figures of the drawing, like reference numerals indicate like parts.

Inked ribbons for typewriters, duplicating machines, etc., are at the present time supplied by the manufacturer as needed, that is, whenever it is necessary to replace a worn ribbon on the machine. This is made necessary because the ink in the ribbon dries out whether it is in use or not so that any ribbon kept on hand for future use may be practically useless by the time it is needed to replace the worn out ribbon in the machine. Inked ribbons are, therefore, only purchased one at a time unless they are purchased on the coupon plan in which the purchaser receives a book of coupons in lieu of the ribbons and sends a coupon from the book to the manufacturer every time a new ribbon is needed in order to insure the use of a fresh ribbon instead of a dried out ribbon. Only in this way has it been possible to purchase any quantity of ribbons with the assurance that a fresh ribbon will be used every time it is needed.

My present invention makes it possible to do away with this expensive and slow method of supplying typewriter ribbons as it allows

the purchase of a quantity of ribbons that can be safely stored without danger of drying out.

A humidor of novel construction is used for this purpose which consists of a cylindrical box 1 having a removable screw cap cover 2. Into this box is placed the humidor lining 3 which consists of a chemically treated pulp sheet lining that is rolled into a cylinder and slipped into the box 1. The humidor lining thus forms a second wall within the box and leaves sufficient space in the box for the insertion of a series of ribbon spools placed one on top of the other.

The cover 2 is provided with a cushion 4 on the inside thereof so that when it is screwed down into the box it seals the box air tight. After the box is closed the humidor lining 3 keeps the ribbons from drying out. The lining extends the full depth of the cylindrical box and encircles each of the spools of ribbon contained therein. The lining is preferably made up of a pulp in the form of a blotting paper having one side glazed with a suitable coating. This glazed or smooth finish of the lining is placed on the inside so that in shipment the spool will be in contact with a smooth finish of the lining that cannot be rubbed off by the edges of the spool.

One side of the humidor lining may be waterproofed with wax or other waterproof flexible material and this waterproofed side is placed against the inside of the box to prevent the action of moisture on the box.

The chemical treatment of the lining may consist of any treatment suitable for the purpose of keeping the air moist within the box and prevent the ribbons from drying out.

In the treatment of the lining I have used a deliquescent salt such as calcium chloride and applied this with or without glycerine and water or with glycerine alone to the humidor lining. Oleic acid may also be used. The lining thus treated keeps the air moist within the box so that the air cannot absorb any moisture from the inked ribbons. In this way the ribbons are kept fresh for a long period and can be used whenever needed.

I claim:

1. In a humidor for inked ribbons, the com-

5 combination of a box, a cover for said box, a removable absorbent lining adapted to be placed within said box, a waterproof coating on one side of said lining and means impregnated into said absorbent lining to constantly keep the air moist within said box.

10 2. In a humidor for inked ribbons, the combination of a box, a humidor lining within said box, a deliquescent salt, glycerine and water impregnated into said humidor lining to keep the air moist within said box.

15 3. In a humidor for inked ribbons, the combination of a box, a cover for said box, a humidor lining comprising a flexible pulp sheet, a waterproof coating on one side of said lining, a deliquescent salt, glycerine and water impregnated into said humidor lining to keep the air moist within said box.

In testimony whereof I affix my signature.

20 LELAND A. PHILLIPS.

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