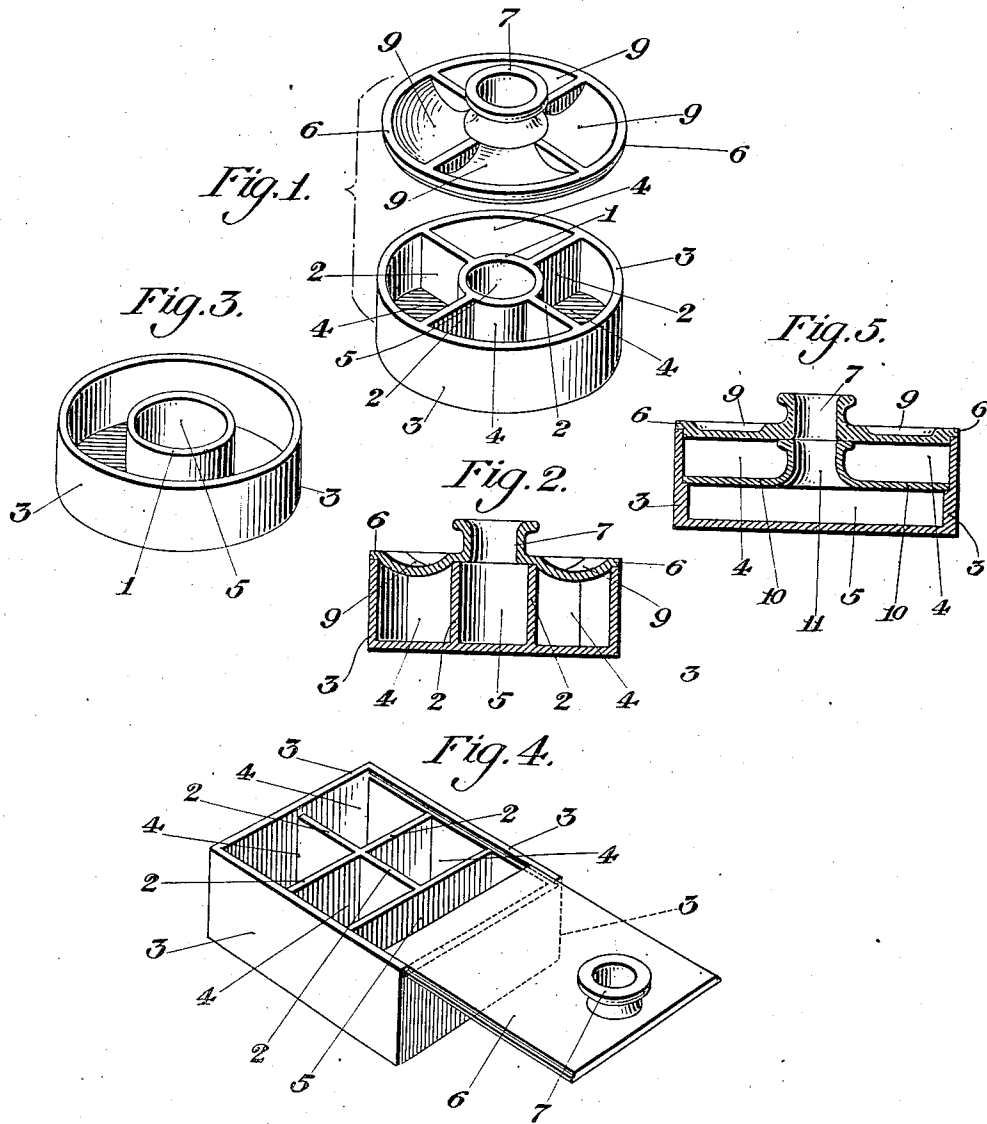


H. SHEBLE & E. A. HAWTHORNE.
 BOX OR CASE FOR TALKING MACHINE NEEDLES.
 APPLICATION FILED JULY 20, 1906.

908,338.

Patented Dec. 29, 1908.



WITNESSES:
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UNITED STATES PATENT OFFICE.

HORACE SHEBLE, OF PHILADELPHIA, PENNSYLVANIA, AND ELLSWORTH A. HAWTHORNE, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNORS TO HAWTHORNE AND SHEBLE MANUFACTURING COMPANY, OF PHILADELPHIA, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

BOX OR CASE FOR TALKING-MACHINE NEEDLES.

No. 908,338.

Specification of Letters Patent.

Patented Dec. 29, 1908.

Application filed July 20, 1906. Serial No. 327,073.

To all whom it may concern:

Be it known that we, HORACE SHEBLE and ELLSWORTH A. HAWTHORNE, both citizens of the United States, residing at Philadelphia, Pennsylvania, and Springfield, Massachusetts, respectively, have invented certain Improvements in Boxes or Cases for Talking-Machine Needles, of which the following is a specification.

The object of our invention is to provide dealers in talking machines or talking machine supplies, or the users of such machines, with a convenient box or case for containing the "needles" through the medium of which the "record" is caused to impart movement to a lever or like device acting upon the diaphragm of the sound box or other reproducing agency employed in the machine.

In the accompanying drawing Figure 1 is a perspective view illustrating one form of needle box or case constructed in accordance with our invention; Fig. 2 is a sectional view of the same; Figs. 3 and 4 are perspective views, and Fig. 5 is a sectional view illustrating other embodiments of our invention.

In the operation of talking machines, especially those of the type employing flat disk records which are engaged by a pointed needle or metallic stylus carried by the reproducing device, it is necessary to frequently change the needles, the reproduction of a single record usually causing such wear of the needle as to render it unavailable for further use. It is customary, moreover, to use different sizes or grades of needles, depending upon whether a soft reproduction, a brilliant reproduction, a medium loud reproduction or a very loud reproduction is desired, and our invention has been devised with the view of providing a box or casing in which a supply of such different grades of needles can be conveniently kept separate from each other, and which also provides for the safe disposal of used needles, thereby preventing the unintentional use of the latter instead of a fresh needle, and also preventing the used needles from getting into the possession of children, as they may if carelessly thrown aside after use, the needles being still so sharply pointed as to constitute dangerous playthings.

The box provides for the disposal of the used needles without removing the lid or cover from the box, and, in the preferred

form, the box also provides for the storage of a number of needles of different grades.

The box shown in Fig. 1 is of circular form, with internal circular partition 1, and a series of radial partitions 2 extending from said circular partition to the outer rim 3 of the box, whereby the interior of the latter is divided into a plurality of segmental compartments 4 for the reception and storage of the fresh needles, and a central compartment 5 for receiving and storing the used needles, the lid or cover 6 of the box having a central, projecting, tubular boss or handle 7, whereby it may be readily manipulated, and which permits access to the central compartment 5 of the box without the necessity of removing the lid or cover therefrom. The top of the lid is also grooved or recessed so as to form an annular chamber therein, or a series of chambers 9, one for each grade of needle which the box is intended to receive, whereby, in giving an exhibition, the person using the machine can deposit a sufficient supply of needles of each grade in these chambers 9, so that it will not be necessary to again remove the lid or cover from the box until the exhibition is concluded, the used needles, as soon as removed from the machine, being dropped through the tubular boss 7 into the central compartment 5.

The only difference between the box shown in Fig. 3 and that shown in Figs. 1 and 2 is in the omission of the radial partitions 2.

The box shown in Fig. 4 is rectangular instead of circular, the needle compartments 4 being likewise rectangular instead of segmental, and an oblong compartment 5 for the used needles being formed at one end of the box. This box has a sliding lid or cover 6 instead of the vertically removable lid shown in Figs. 1 and 2, and the tubular boss or handle is at one end of the lid in order that it may properly register with the compartment 5 when the lid is closed.

The box shown in Fig. 5 has a false bottom 10, with vertical tubular extension 11 which registers with the tubular handle or boss 7 of the lid 6 when the latter is applied to the box, the compartment 5 for the used needles being below this false bottom, and the compartments 4 for the fresh needles being above the same.

The various forms of box which we have shown and described are sufficient to indicate

that wide latitude in the shape of the box and in the number and disposal of compartments therein is permitted within the scope of our invention, and without departing from the essential features of the same.

We claim:—

1. A box or case for talking machine needles, said box or case having a plurality of compartments, each adapted for receiving and retaining needles, and a lid or cover having needle-receiving chambers or pockets in the top of the same, and having in it a single opening communicating with but one of the compartments of the box.
2. A box or case for talking machine needles, said box or case having compartments for used and unused needles, and a lid or cover having a projecting tubular boss communicating with the compartment which receives the used needles, and serving as a handle for the manipulation of said lid or cover.

3. A box or case for talking machine needles, said box or case having a false bottom with tubular projection communicating with the compartment below said false bottom, and a lid or cover having an opening registering with said tubular projection when the lid or cover is closed.

In testimony whereof, we have signed our names to this specification, in the presence of two subscribing witnesses.

HORACE SHEBLE.

ELLSWORTH A. HAWTHORNE.

Witnesses to the signature of Horace Sheble:

HARRY L. STONE,

ELMER DRUINEL.

Witnesses to the signature of Ellsworth A. Hawthorne:

PAULINE ROVER,

MAE I. HANIFIN.