No. 703,939. Patented July 1, 1902.

G. MADISON.

DEVICE FOR SUPPORTING PHONOGRAPH RECORDS.

(Application filed Feb. 17, 1902.)

(No Model.)

Fig. 1.

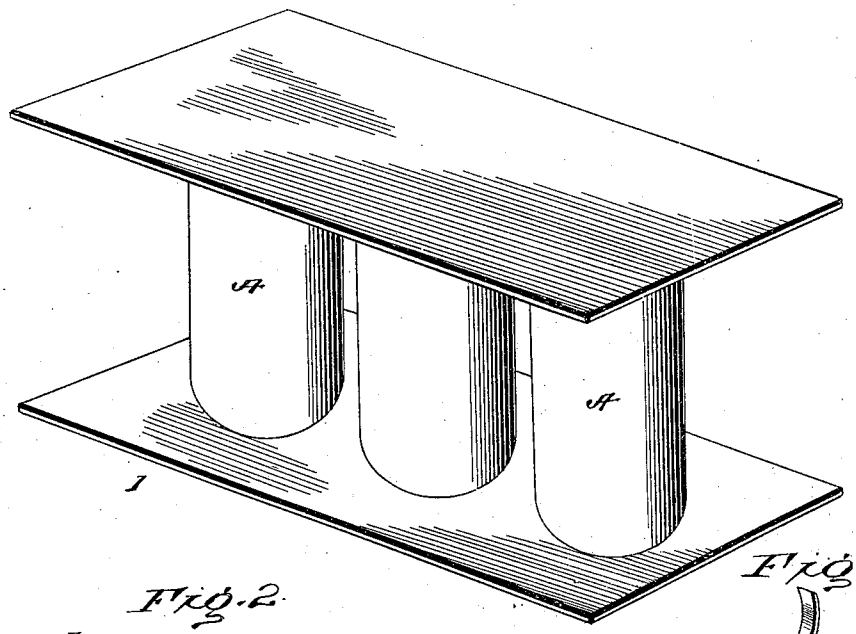


Fig. 2.

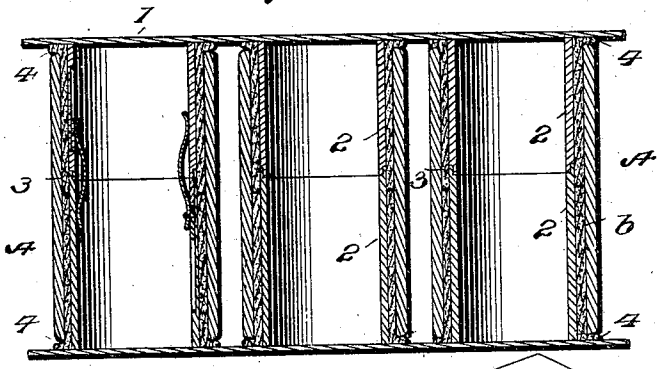
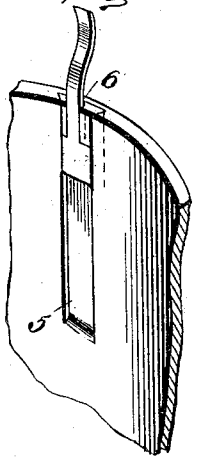
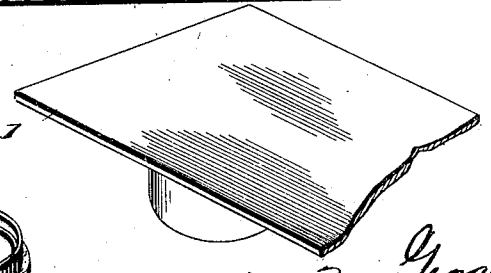


Fig. 4.





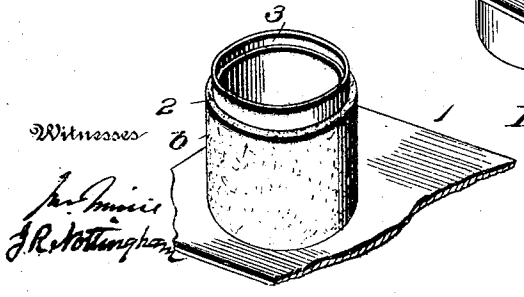


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE MADISON, OF SANDUSKY, OHIO.

DEVICE FOR SUPPORTING PHONOGRAPH-RECORDS.

SPECIFICATION forming part of Letters Patent No. 703,939, dated July 1, 1902.

Application filed February 17, 1902. Serial No. 94,489. (No model.)

To all whom it may concern:

Be it known that I, GEORGE MADISON, a citizen of the United States, residing at Sandusky, in the county of Erie and State of Ohio, have invented certain new and useful Improvements in Devices for Supporting Phonograph-Records; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in devices for packing, storing, and transporting phonograph-records and similar articles; and it consists, essentially, of a separable or two-part holder or supporter so constructed and arranged that the records when supported will be held separate from one another and out of contact with the walls of the holder or supporter.

The invention further consists in the general construction and novel arrangement of the several parts of the device, as will be hereinafter described, and more particularly set forth in the claims.

In the drawings, Figure 1 is a perspective view of my device, showing three phonograph-records mounted and supported therein. Fig. 2 is a central vertical longitudinal sectional view of Fig. 1, showing the general construction and arrangement of the several parts of the device. Fig. 3 illustrates a portion of the device having one of the record-supporting cylinders separated and showing a detail thereof. Fig. 4 is a portion, broken away, of the vertical wall of one of the supporting-cylinders, illustrating a lock for more securely holding the portions of said record-supporting cylinders together.

Referring to the several views of the drawings, the numeral 1 indicates a suitable base, upon which the record-supporting cylinders 2 are secured. In practicing my invention I employ two of these supporters or holders arranged as shown in Fig. 2—that is to say, placed together in reverse position. The cylinders are preferably when joined together slightly greater in length than the length of the record A to be supported. This is accomplished by making each portion of the record-supporting cylinder of a length slightly greater than one-half the length of the record to be supported or carried, so that when said record is mounted and supported in the device the ends thereof will be a slight distance from the bases 1 1, upon which said cylinders are secured. The arrangement of the cylinders upon their respective bases is such that the records will be so supported and held that their record-bearing surfaces will be out of contact with each other, and the necessity for the wrapping of said records with soft or other material to preserve them from injury is avoided.

The outer surface of the record-supporting cylinders 2 is covered or provided with a soft yielding material *b*—such, for instance, as plush—so that when the records are supported on the supporting-cylinders they will fit snugly and will not be liable to slip, but will be held firmly in position thereon.

In order to keep the parts together when not supporting the records, I provide in the vertical wall of each part or portion of the cylinder 2 a suitable channel or groove 5, in which is slidably mounted a spring 6, as shown in Fig. 4, which spring is for the purpose when the parts are assembled in supporting position of bearing against the inner wall of the corresponding cylinder, as shown in Fig. 2, and are for the purpose of holding said parts in position. When it is not desired to use the springs 6, they may be slid into the cylinder, as is evident. In order to make the holding means more secure, I may provide the ends of the cylinders with rabbets, so that the end of one cylinder will fit into or onto the end of the corresponding cylinder and yet leave a straight surface to carry and support the record. The rabbeted end of the cylinder is clearly shown at 3, Fig. 3. As an additional protection for the record and to prevent its ends contacting with the base 1 a bead or flange may be formed around the base of each cylinder, as shown at 4, Fig. 2. This bead or flange may be formed of the same material as the cylinder-covering, as is apparent.

When it is desired to pack, store, or ship the records, one of the parts is selected and the records are slipped or mounted over the

cylinders. Then the other part has its cylinders inserted into the free ends of the records, as shown in Fig. 2. As thus arranged the two parts will be held together by the records, which fit snugly over the yielding surface of the supporting-cylinders. It is evident that any desired number of these holders may be assembled in crated form for both storage or transportation and that when so crated the records contained therein will be perfectly protected from injury.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A device for storing and transporting phonograph-records, and similar articles, consisting of a two-part holder or supporter, each part being provided with an equal number of record-supporting cylinders, correspondingly arranged, said cylinders having an outer surface of yielding material and provided at their bases with a bead or flange, the cylinders of each part being adapted to fit into the opposite ends of the records, said cylinders being so arranged as to hold said records out of contact with each other.

2. A device for storing and transporting phonograph-records, and similar articles, consisting of a two-part holder or supporter, each part being provided with an equal number of record-supporting cylinders, correspondingly arranged, said cylinders having an outer surface of yielding material, and provided at their bases with a bead or flange, the cylinders of one part having their outer ends rabbeted to fit the corresponding cylinders of the other part, the cylinders of each part being adapted to fit into the opposite ends of the records, and so arranged as to hold their record-surfaces out of contact with each other.

3. A device for storing and transporting phonograph-records, and similar articles, consisting of a two-part holder or supporter, each part composed of a suitable base and an equal number of record-supporting cylinders correspondingly arranged thereon, the cylinders of each part being slightly greater in length than one-half the length of the record, so as to support the ends of the records free from the bases, said cylinders provided with an outer surface of yielding material, and the corresponding cylinders of each part adapted to fit into the opposite ends of the records, all constructed and arranged to hold the records out of contact with each other.

4. A device for storing and transporting phonograph-records, and similar articles, consisting of a two-part holder or supporter, each part being provided with a number of record-supporting cylinders, correspondingly arranged, the cylinders of each part being adapted to fit into the opposite ends of the records and hold them out of contact, and a slidable spring mounted in each cylinder adapted to assist in holding the cylinders in position when the device is in position to support a record, and to be slid into the cylinder when not in use.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE MADISON.

Witnesses:
JOHN J. LEHMANN,
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