

No. 691,779.

Patented Jan. 28, 1902.

C. J. KINTNER.

CARRIER OR HOLDER FOR PHONOGRAPH OR GRAPHOPHONE RECORD CYLINDERS.

(Application filed Feb. 14, 1898.)

(No Model.)

Fig. 1.

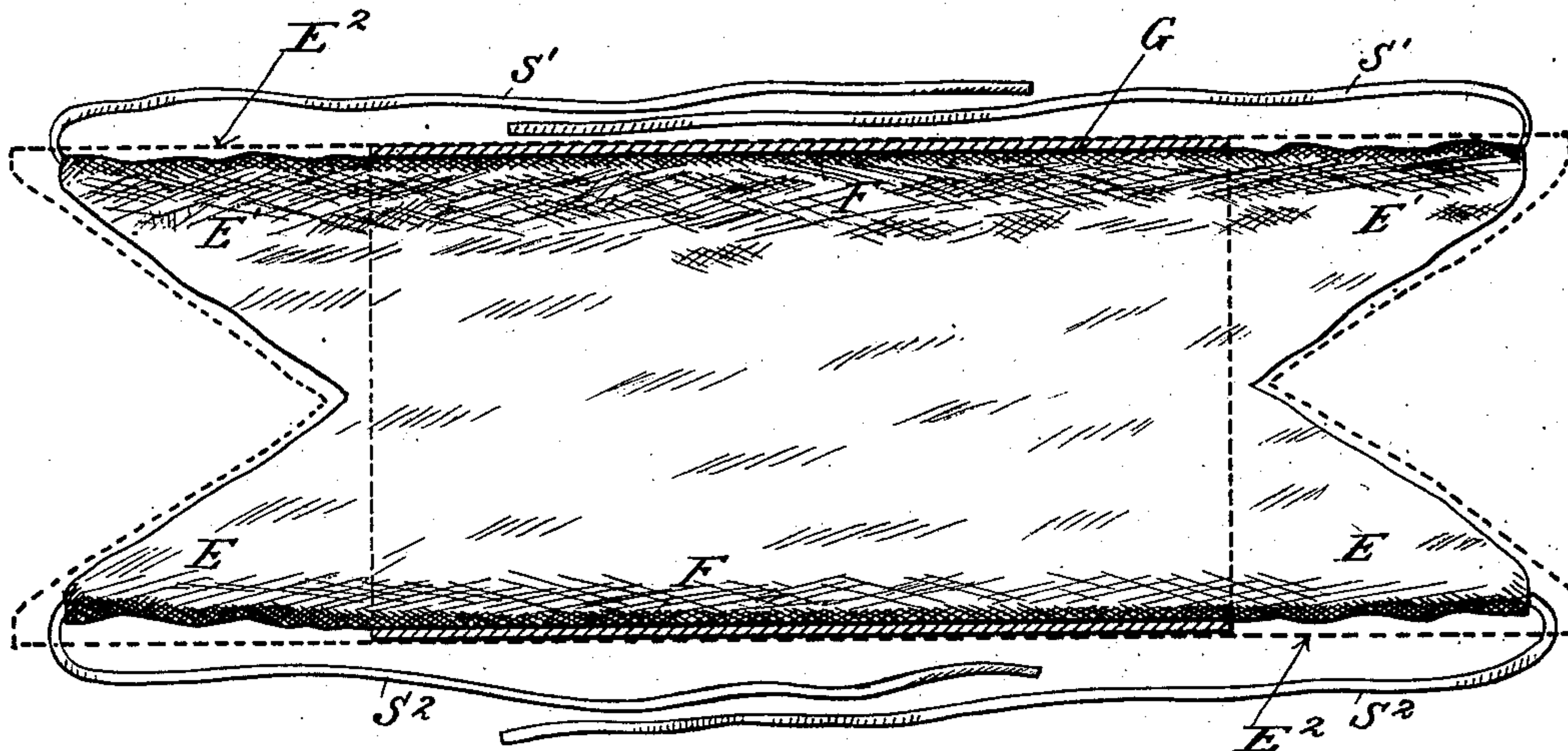
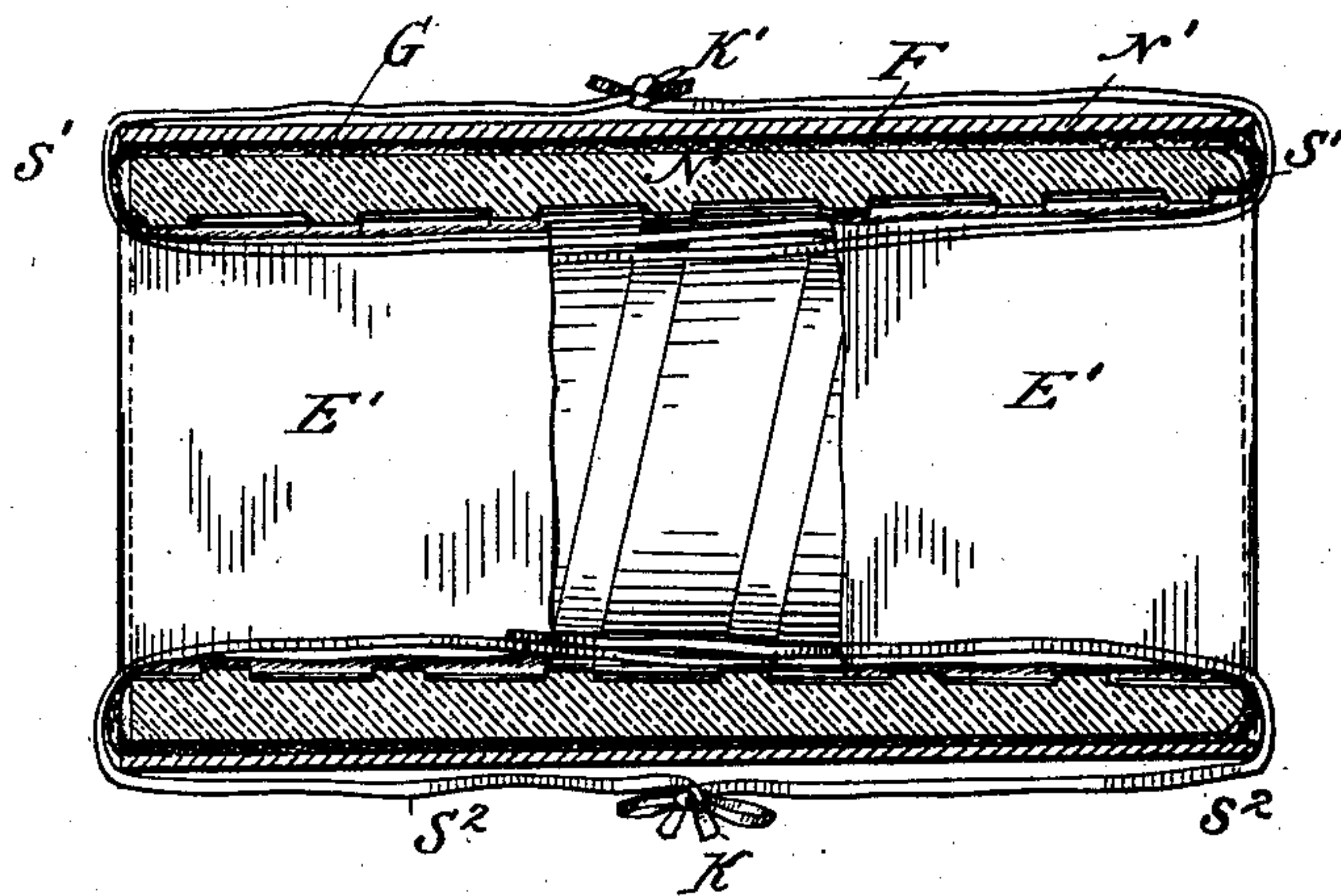


Fig. 2.



Witnesses.
Edward J. Howard.
M. F. Harting

Inventor
Charles J. Kintner.

UNITED STATES PATENT OFFICE.

CHARLES J. KINTNER, OF NEW YORK, N. Y.

CARRIER OR HOLDER FOR PHONOGRAPH OR GRAPHOPHONE RECORD-CYLINDERS.

SPECIFICATION forming part of Letters Patent No. 691,779, dated January 28, 1902.

Application filed February 14, 1898. Serial No. 670,170. (No model.)

To all whom it may concern:

Be it known that I, CHARLES J. KINTNER, a citizen of the United States, residing at New York, in the county of New York and State of New York, have made a new and useful Invention in Carriers or Holders for Phonograph or Graphophone Record-Cylinders, of which the following is a specification.

My invention has for its objects, first, to provide a carrier or holder for phonograph or graphophone record-cylinders which shall be as simple, cheap, and strong as possible, and, second, to provide such a carrier as will protect the delicate record upon the outer surface of the cylinder against abrasure or damage, the protecting medium being a soft fibrous material, such as canton-flannel or analogous fabric having a delicate nap and constituting a permanent part of the carrier.

My invention will be fully understood by referring to the accompanying drawings, in which—

Figure 1 illustrates in sectional view my novel carrier or holder for phonograph or graphophone record-cylinders with a flexible lining and means for securing the record-cylinder in place within the holder, and Fig. 2 illustrates a sectional view of the same with a record-cylinder secured within the holder ready for shipment or conveyance.

Prior to my invention it was customary to wrap the well-known form of Bell-Tainter wax phonograph and graphophone cylinders with a piece of cotton-batting or other flexible cloth or material and then to insert the same as thus wrapped within a paper tube of the proper diameter, finally inclosing the ends of the tube with caps or covers. It was also customary to pack such cylinders in well-known boxes or crates having sides and lids, and the record-cylinders themselves when they reached their destination were removed from the carriers or holders, the cotton-batting or cloth unwrapped therefrom, and the cylinders placed upon end in holding devices constituting a part of an inclosing box.

For a full and clear understanding of my invention, such as will enable any one skilled in the art to which it most nearly appertains to construct and use the same, reference is now had to the drawings in detail, in which like letters of reference represent like parts

wherever used, and which represent my novel carrier or holder and a wax phonograph or graphophone record-cylinder secured therein in full size.

N' represents a tube, preferably of paper or wood, or any material of the desired strength and lightness, and F a lining of canton-flannel or lint cloth, or such material as will not scratch or mar the record-surface of the phonograph-cylinder N, said lining being secured by a cement or glue G to the inner wall of the tube with the soft or nap side inward, so as to come against the outer face of the record-cylinder. This lining F may be provided with projecting ends E E and E' E', cut away, as shown, and to the outer ends of said projections E E E' E' may be secured, respectively, strings S² S² S' S', the functions of the strings being to secure the cylinders firmly in place for transportation, as will be understood upon inspection of Fig. 2, wherein is shown a wax phonograph-cylinder N in sectional view in position within my novel form of protecting carrier or holder, the ends E' E' and E E being tucked in after the record-cylinder is in position and the strings S² S² S' S' drawn through to the opposite ends thereof and then turned outward and upward, so that their opposite ends are united by tying knots K and K'. It will be seen, therefore, that after the record-cylinder is once thus secured in position it may be sent through the mails or transported or shipped at will without any danger of damage thereto. It can also be easily and quickly removed, and the form of the lining of the carrier or holder is such that it is a simple and easy matter to replace the cylinders at all times after usage, it being obvious that with this arrangement there is absolutely no necessity for the user to touch the exterior record with his fingers, thus making my novel holder or carrier not only a protector to the cylinder during transportation, but rendering it easy to avoid damaging the record after it is removed from the phonograph or graphophone.

I do not limit myself to the especial features of my invention hereinbefore described, as it is obvious that the same may be departed from materially and still come within the scope of my claims hereinafter made.

As an obvious modification of the carrier

or holder instead of providing the soft flexible lining F with projecting extensions E E E' E', I may cover the outer surface of the tube G with light leather, such as morocco
5 or imitations thereof, having extensions corresponding to the extensions E E E' E' and cut away in the same manner as shown in dotted lines at E², Fig. 1. In this event it
10 would of course be unnecessary to provide any extensions E E E' E' to the soft flexible interior lining, as the leather extensions would constitute a sufficient means for preventing the record-cylinder from dropping out.

Having thus described my invention; what
15 I claim, and desire to secure by Letters Patent of the United States, is—

1. A carrier or holder for phonograph or graphophone records, consisting of a tube provided with a soft flexible lining having a nap
20 on its inner surface, and permanently secured to the inner wall of said tube.

2. A carrier or holder for phonograph or graphophone records, consisting of a rigid tube open at both ends and provided with a
25 soft flexible lining having a nap on its inner

surface and permanently secured to the inner wall of said tube, and provided also with means for closing one or both ends of said tube.

3. A carrier or holder for phonograph or
30 graphophone records consisting of a rigid tube open at both ends and provided with a soft flexible lining having a nap on its inner surface and permanently secured to the inner wall thereof, substantially as described. 35

4. A carrier or holder for phonograph or graphophone records consisting of a rigid tube open at both ends and provided with a lining of canton-flannel permanently secured to its inner wall, the nap-surface thereof, being
40 so located as to protect the record, substantially as described.

In testimony whereof I have hereunto subscribed my name this 10th day of February, 1898.

CHARLES J. KINTNER.

Witnesses:

JAMES P. J. MORRIS,
MARY F. KEATING.