

UNITED STATES PATENT OFFICE.

BERNHARD KLEPPER, OF BROOKLYN, NEW YORK.

PROCESS OF REMOVING SOUND-RECORDS.

SPECIFICATION forming part of Letters Patent No. 741,047, dated October 13, 1903.

Application filed February 28, 1902. Serial No. 96,174. (No specimens.)

To all whom it may concern:

Be it known that I, BERNHARD KLEPPER, a citizen of the United States, residing in the borough of Brooklyn, city and State of New York, have invented a new and useful Process for Removing the Sound-Records from Phonograph-Cylinders, &c., of which the following is a specification.

My invention relates to a process for removing sound-records from cylinders, tablets, disks, &c., other than metal which are employed in phonographs, graphophones, and similar instruments. Heretofore such sound-records have been removed by means of a tool which shaved or otherwise removed the irregularities which constituted the record. After the sound-records were removed the cylinder, tablet, disk, &c., could be used to receive a new record.

According to my process the sound-records are removed or obliterated by applying to the cylinder, tablet, or disk a solution which will dissolve or soften the material comprised in the surface of the cylinder, tablet, disk, &c., to such a degree that the material may be worked. In this dissolved or softened condition the material can be smoothed, thereby obliterating the record and producing a surface upon which a new record can be made.

In carrying out my process I preferably employ a solution containing turpentine, wax, and spermaceti in the following proportions: turpentine, seven parts; wax, one-sixteenth part; spermaceti, one-sixteenth part. On the application of this solution to a cylinder, &c., containing a record the turpentine acts to dissolve or soften the surface material of the cylinder, &c., which may then be rubbed with a suitable fabric, such as cloth or felt, or otherwise worked to obliterate the record and to produce a smooth surface. The wax in the composition acts as a filler, while the spermaceti acts to produce a polish. Linseed-oil and litharge may be added to this solution, if desired. The litharge acts to harden the material after it has been worked.

My process may be conveniently carried out by applying a little of the solution to a cloth and then rubbing the cylinder, tablet, disk, &c., until all trace of the record has been removed.

What I claim as my invention is—

1. The herein-described process for removing a sound-record from a phonograph cylinder, tablet, disk, or the like, which consists in applying a solution containing a solvent and a filler to the cylinder so that the solvent acts to soften or dissolve the surface material of the phonograph-cylinder, or the like, and then working the filler into the softened material to destroy or obliterate the sound-record and produce a smooth surface, substantially for the purposes set forth.

2. The herein-described process for removing a sound-record from a phonograph cylinder, tablet, disk, or the like, which consists in applying turpentine to the surface material of the phonograph cylinder, tablet, disk, or the like, to soften it and then working a filler into the softened material to obliterate the sound-record, substantially for the purposes set forth.

3. The herein-described process for removing a sound-record from a phonograph cylinder, tablet, disk, or the like, which consists in applying turpentine and wax to the surface material of the phonograph cylinder, tablet, disk, or the like, to soften it through the medium of the turpentine and then working the said wax into the softened material to obliterate the sound-record, substantially for the purposes set forth.

4. The herein-described process for removing a sound-record from a phonograph cylinder, tablet, disk, or the like, which consists in applying a solution consisting of turpentine, wax and spermaceti to dissolve or soften through the medium of the turpentine, the material of the phonograph-cylinder, or the like, and then working the said wax into the dissolved or softened material to obliterate the sound-record and to produce a smooth surface through the medium of the spermaceti, substantially for the purposes set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

BERNHARD KLEPPER.

Witnesses:

GEO. E. CRUSE,
JOS. P. McELDUFF.