

No. 771,758.

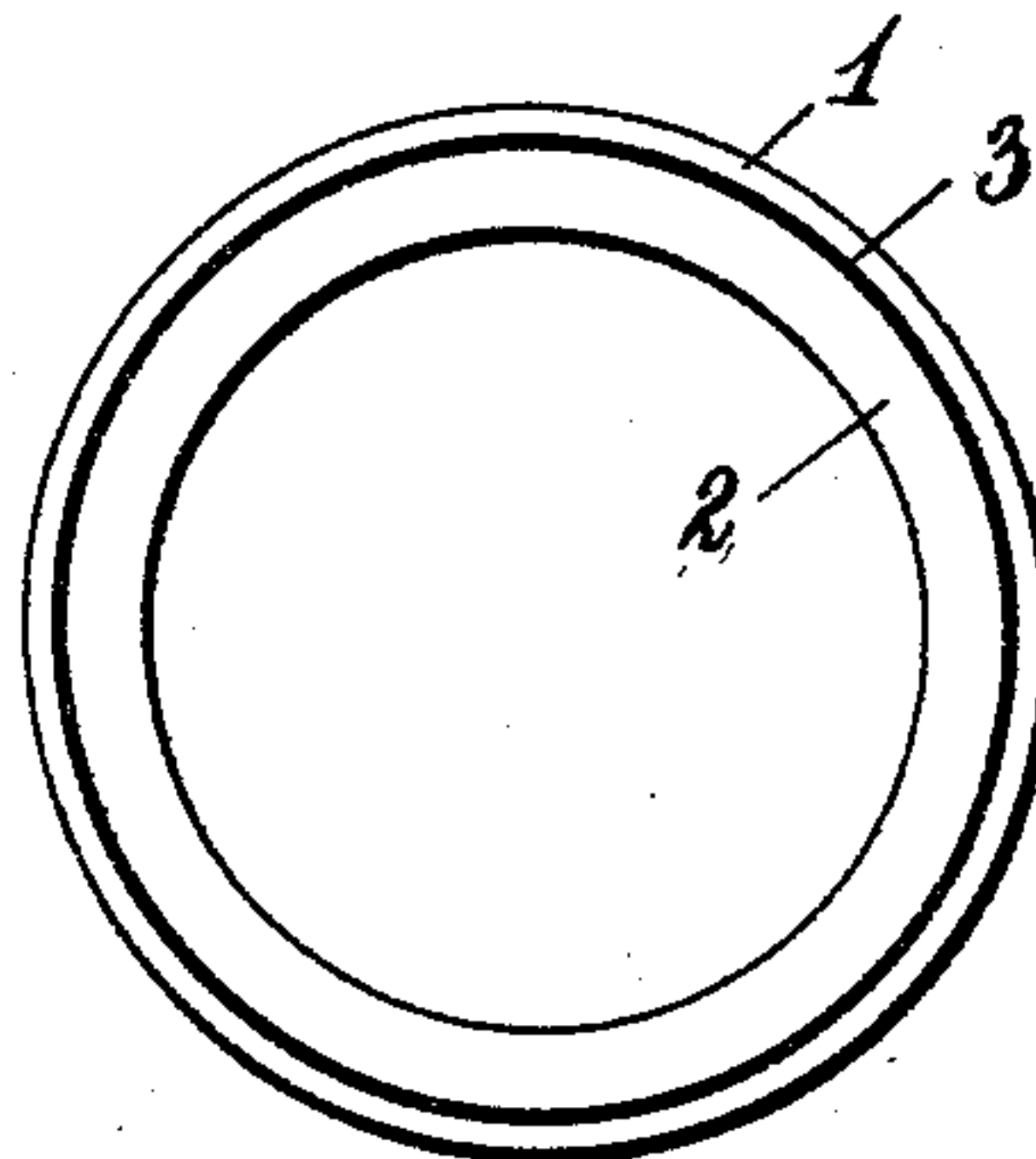
PATENTED OCT. 4, 1904.

C. N. WURTH.  
PHONOGRAM OR SOUND RECORD.  
APPLICATION FILED JUNE 10, 1904.

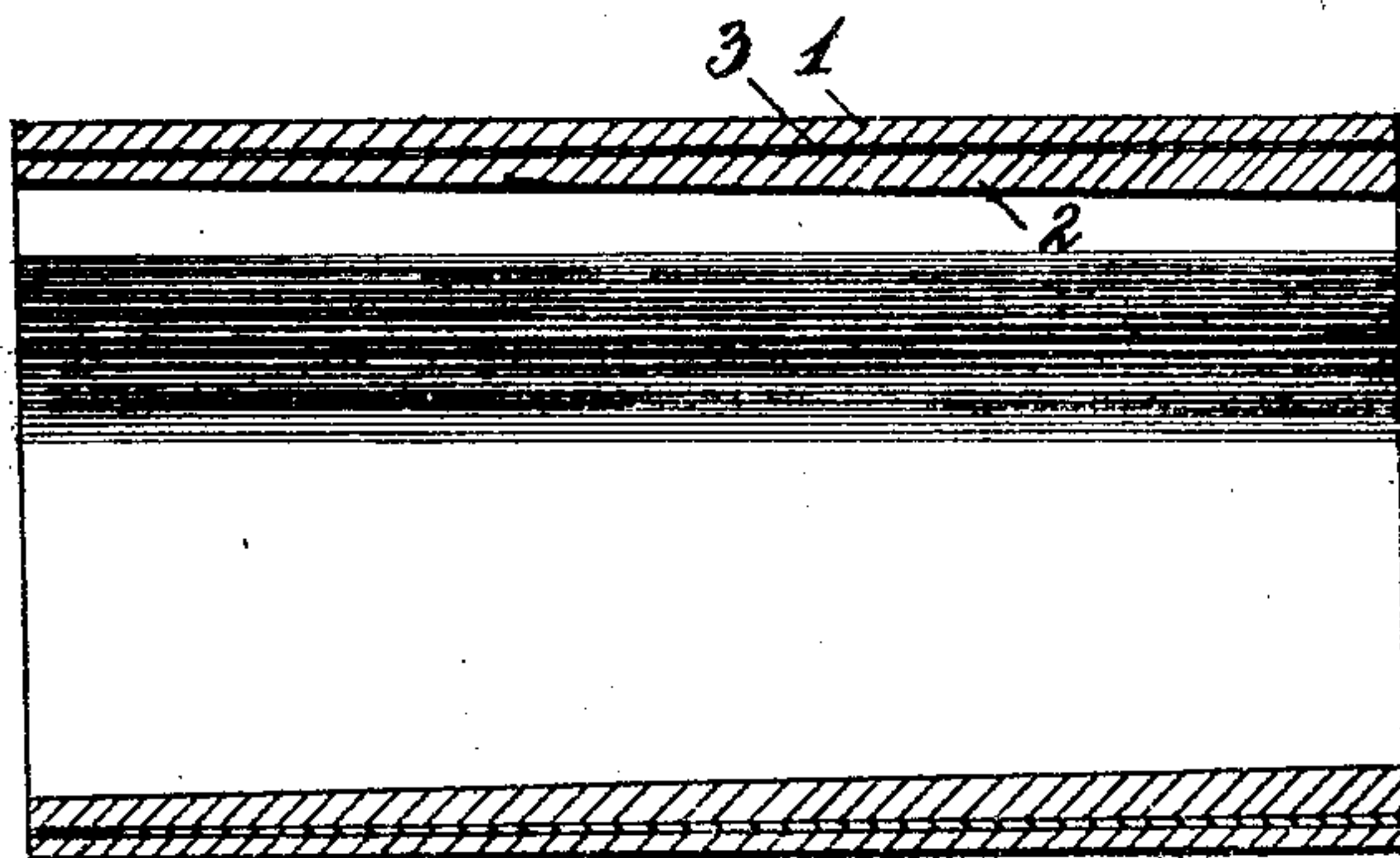
NO MODEL.



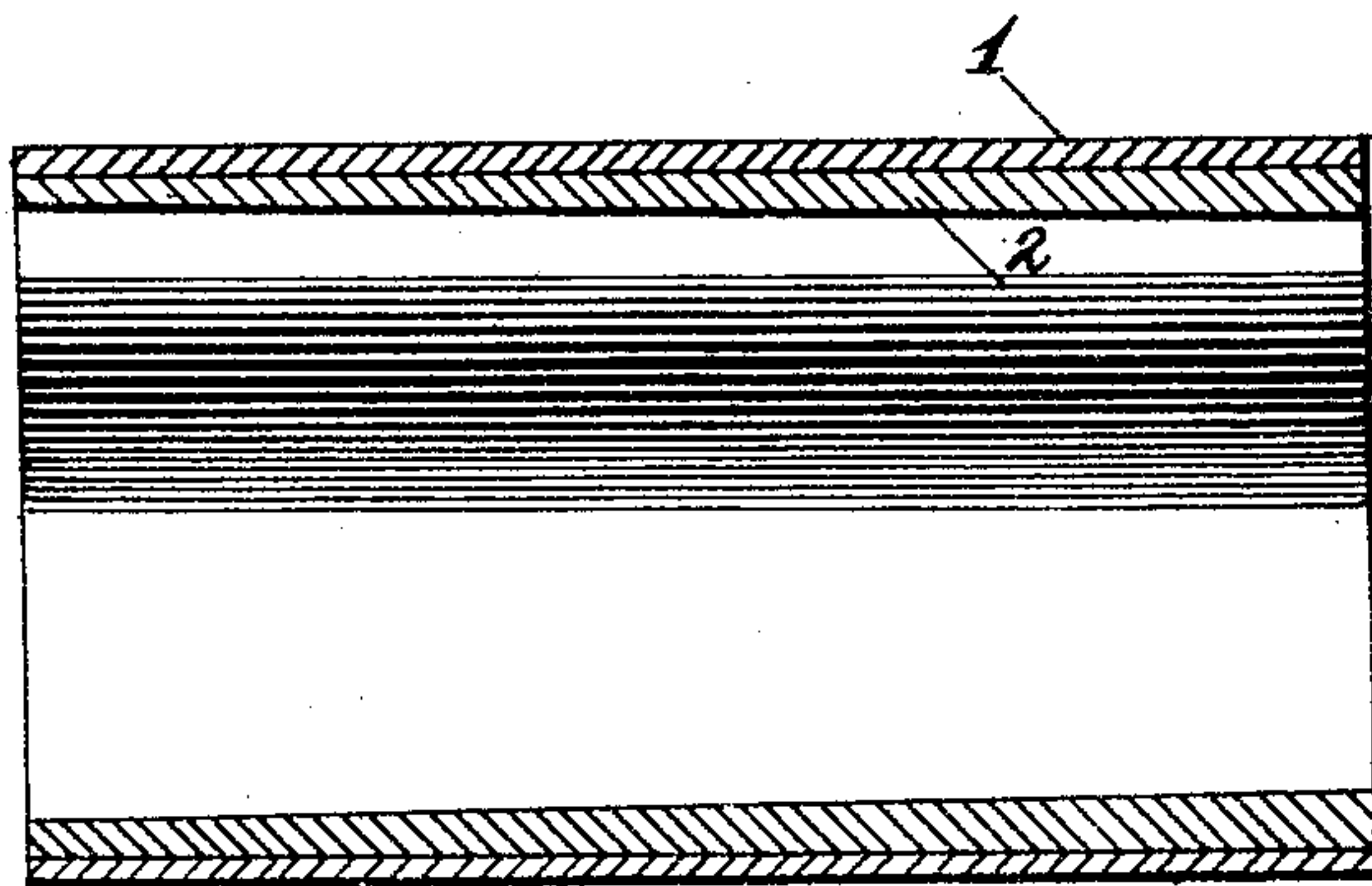
*Fig. 1*



*Fig. 2*



*Fig. 3*



*Fig. 4*

WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES N. WURTH, OF ORANGE, NEW JERSEY.

## PHONOGRAM OR SOUND-RECORD.

SPECIFICATION forming part of Letters Patent No. 771,758, dated October 4, 1904.

Application filed June 10, 1904. Serial No. 211,920. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES N. WURTH, a citizen of the United States, residing at Orange, in the county of Essex, State of New Jersey, have invented certain new and useful Improvements in Phonograms or Sound-Records, of which the following is a specification.

My invention has for its object the production of a novel phonogram which is provided with an inscription which may refer to the title, author, &c., of the matter recorded upon the said phonogram or which may consist of advertising matter.

Heretofore it has been common to place the title of a phonogram upon the same by molding the characters thereon in the process of manufacture or by stamping the same upon the finished article. It is obvious that when an inscription is applied in either of these manners it can be applied only to those portions of the phonogram which are not used to receive the sound-record, and the ends of the phonogram have been heretofore used for this purpose. These parts ordinarily are of sufficient extent to receive only the title of the selection and the catalogue-number thereof. By my invention I am enabled to use the entire length or extent of the phonogram for the inscription.

In the drawings which accompany this specification, Figure 1 is a side view of a phonogram or sound-record to which my invention is applied. Fig. 2 is an end view thereof. Fig. 3 is a longitudinal section of the phonogram of Figs. 1 and 2, and Fig. 4 is a similar view of a modification.

In the several views corresponding parts are indicated by the same numerals of reference.

In carrying out my invention in its preferred form I make use of a hollow cylinder 1, of a transparent material—such as celluloid, collodion, or the like—upon which the record is formed by molding when in a plastic condition by any well-known process. The cylinder 1 is supported upon another cylinder or core, 2, which may be of any material suitable for supporting the said cylinder 1. Between these cylinders I insert a slip 3, of suitable

material, such as paper, upon which the inscription is printed or otherwise inscribed. If desired, the slip may carry a photograph of the author or composer of the selection forming the sound-record or of the person or persons rendering such selection, and the word “inscription” appearing in the specification and claims includes a photograph. This slip may be secured upon the core 2 before the same is inserted within the cylinder 1. The contraction of the cylinder 1 causes the same to bind tightly upon the core, as is well known. The inscription upon the slip 3 can be plainly read through the cylinder 1 and is thereby protected against being rubbed off or obliterated. When desired, the slip 3 may be dispensed with, and the inscription may be applied either upon the core 2 or interior of the transparent cylinder 1 before these parts are assembled to form the phonogram shown in Fig. 4.

It will be seen that the placing of the inscription below the surface of a transparent covering is of great advantage in protecting the inscription from defacement. Certain advantages of my invention may be obtained by placing the inscription in any suitable manner upon the exterior of the phonogram upon that portion of the same which carries the record. This may be done in any suitable manner—as, for example, by sensitizing the outer surface of the cylinder 1 and photographing the inscription or portrait thereon by means of a negative before the same is molded into a record.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a phonogram or sound-record, comprising a transparent outer member, and an inner member carrying an inscription, substantially as set forth.

2. As a new article of manufacture a phonogram or sound-record provided with an inscription, said inscription being situated beneath the surface of the phonogram, substantially as set forth.

3. As a new article of manufacture a phonogram or sound-record provided with an inscription, said inscription being situated be-

neath the surface of the phonogram, and referring to the matter comprising the sound-record of the phonogram, substantially as set forth.

5 4. As a new article of manufacture, a phonogram or sound-record provided with an inscription, said inscription being situated within the transverse limits of that portion of the phonogram which carries the record, substantially as set forth.

10 5. As a new article of manufacture a phonogram or sound-record provided with an inscription, said inscription being situated within the transverse limits of that portion of the  
15 phonogram which carries the record, and re-

ferring to the matter comprising said record, substantially as set forth.

6. As a new article of manufacture, a phonogram or sound-record consisting of an inner supporting-cylinder, an outer transparent cylinder, and a slip of suitable material placed between said transparent and supporting cylinders, and carrying an inscription, substantially as set forth.

In witness whereof I have hereunto signed my name this 14th day of May, 1904.

CHARLES N. WURTH.

In presence of—

HANSON C. COXE,  
JOHN BAKER.