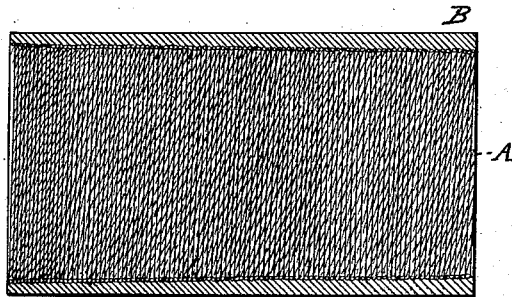


(No Model.)

T. A. EDISON.  
PHONOGRAM BLANK.

No. 406,569.

Patented July 9, 1889.



WITNESSES:  
*W. H. Woodland*  
*W. H. Woodland*

INVENTOR  
*Thomas A. Edison*  
BY  
*J. P. [Signature]*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

THOMAS A. EDISON, OF LLEWELLYN PARK, NEW JERSEY.

## PHONOGRAM-BLANK.

SPECIFICATION forming part of Letters Patent No. 406,569, dated July 9, 1889.

Application filed January 19, 1889. Serial No. 296,878. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS A. EDISON, a citizen of the United States, residing at Llewellyn Park, in the county of Essex and State of New Jersey, have invented a certain new and useful Improvement in Phonogram-Blanks, (Case No. 815,) of which the following is a specification.

In my application filed January 19, 1889, Serial No. 296,877, is set forth a method of making cylindrical phonogram-blanks by winding thread, cord, or like filiform material into a cylindrical body and covering the same with the sound-recording material.

My present invention relates to the phonogram-blanks produced by this method, my object being to provide a cylindrical blank which shall be of simple construction and shall have a perfectly-true inner surface without the necessity of reaming out the bore of the cylinder.

My invention is illustrated in the accompanying drawing, which is a longitudinal section of a phonogram-blank embodying said invention.

A is the close winding of cord, thread, fine wire, or other filiform material which can be wound, and which will produce an even surface.

B is the covering, of wax or other material, for receiving the sound-record.

As set forth in the application referred to,

the thread or other material A is wound on a suitable core, and is then covered in a mold, or by dipping or otherwise, with the material B, the same being in a softened or plastic condition. Such material being allowed to harden, the core is removed, leaving the blank, as illustrated in the drawing, with its inner surface composed of an even winding of cord, thread, or like filiform material, which can readily be placed upon the cylinder of the phonograph and does not require any further treatment or preparation.

What I claim is—

1. A cylindrical phonogram-blank having a wound inner surface of filiform material, such as thread, and an outer surface of sound-recording material, substantially as set forth.

2. A cylindrical phonogram-blank having, in combination, a cylindrically-wound body of filiform material, such as thread, and an outer covering of the sound-recording material, substantially as set forth.

3. A cylindrical phonogram-blank having a wound internal lining of filiform material, substantially as set forth.

This specification signed and witnessed this 10th day of January, 1889.

THOMAS A. EDISON.

Witnesses:

H. W. SEELY,  
W. PELZER.