

No. 836,339.

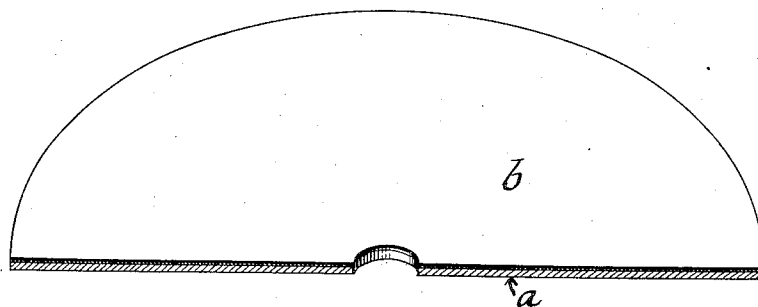
PATENTED NOV. 20, 1906.

P. O. PEDERSEN.

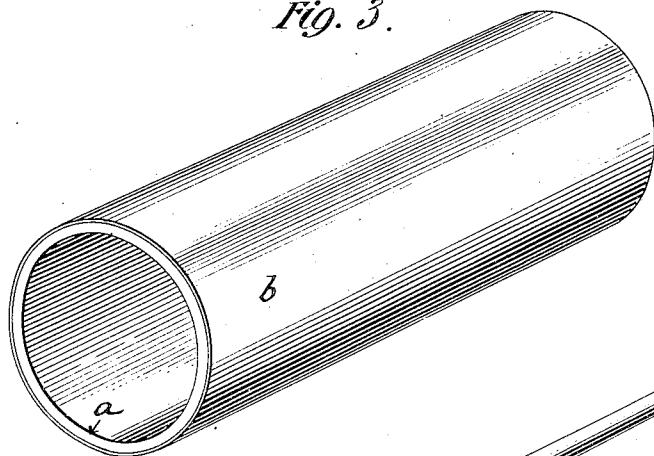
MAGNETIZABLE BODY FOR THE MAGNETIC RECORD OF SPEECH, &c.

APPLICATION FILED JUNE 21, 1901.

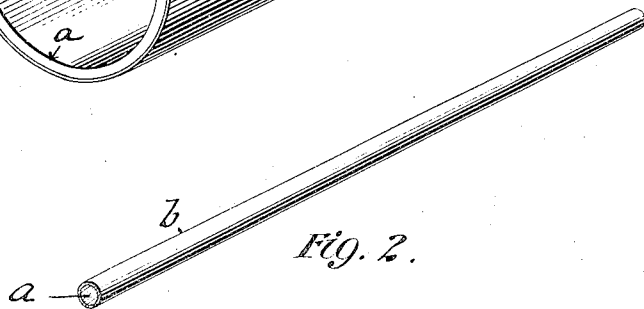
*Fig. 1.*



*Fig. 3.*



*Fig. 2.*



Witnesses  
*Frank S. Ober*  
*Waldo M. Chapin*

Inventor  
*Peder O. Pedersen*  
By *his* Attorney  
*Wm. A. Rasmussen*

# UNITED STATES PATENT OFFICE.

PEDER OLUF PEDERSEN, OF COPENHAGEN, DENMARK, ASSIGNOR TO  
AMERICAN TELEGRAPHONE COMPANY, A CORPORATION OF THE  
DISTRICT OF COLUMBIA.

MAGNETIZABLE BODY FOR THE MAGNETIC RECORD OF SPEECH, &c.

No. 836,339.

Specification of Letters Patent.

Patented Nov. 20, 1906.

Application filed June 21, 1901. Serial No. 65,421.

*To all whom it may concern:*

Be it known that I, PEDER OLUF PEDERSEN, a subject of the King of Denmark, residing at Copenhagen, in the Kingdom of Denmark, have invented certain new and useful Improvements in the Manufacture of Magnetizable Bodies for the Magnetic Record of Speech and Such Like, of which the following is a specification.

This invention relates to bodies of magnetic material adapted to receive and retain a magnetic record of speech, messages, or signals; and it consists of such a body having a surface applied thereto by electrodeposition, which surface is of material capable of being magnetized and of retaining its magnetism.

The invention is specially useful as the recording body in a telegraphone, because the electrolytically-precipitated material is uniform in thickness, and for other reasons also it is especially adapted for said purpose.

In carrying out the invention I may use a core or base of brass, copper, iron, or any other suitable material, and upon this I electroplate a surface of steel, nickel, or other magnetizable material capable of retaining its magnetism. When a body thus plated is

used in a telegraphone, the recording-magnet is presented to the electrodeposited layer and the magnetic variations of the magnet are imparted to said layer and retained by it for reproduction whenever desired.

The accompanying drawings show in Figure 1 a sectional perspective of the record-receiving body of the telegraphone in the form of a disk; Fig. 2, a similar view of such body in the form of a wire, and Fig. 3 a similar view of such a body in the form of a cylinder.

*a* indicates the body or core of the device, and *b* the electroplating of magnetic material thereon.

Having described my invention, I claim—

A recording-body for telegraphones consisting of a suitable core or base having an electrodeposited even surface of magnetic material adapted to record magnetic impressions representing sounds or signals.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

PEDER OLUF PEDERSEN.

Witnesses:

E. S. HAGEMANN,  
V. POULSEN.