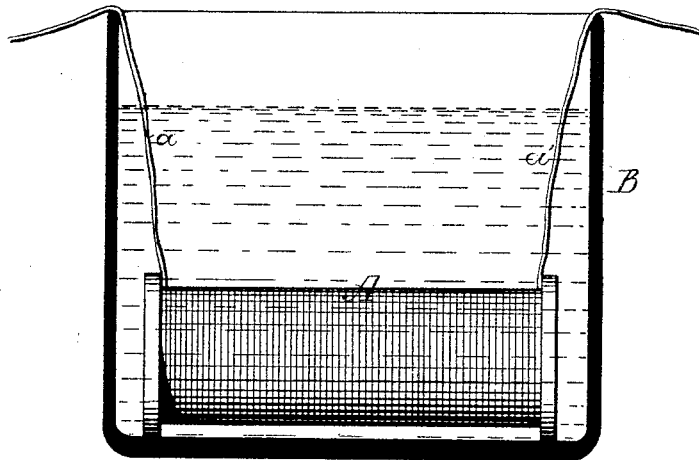


D. BROOKS.
Insulating Induction Coils.

No. 210,987.

Patented Dec. 17, 1878.



Witnesses.

Henry Bowen Jr.
Henry Smith

Inventor.

David Brooks
by his Attorneys
Howson and Co

UNITED STATES PATENT OFFICE.

DAVID BROOKS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN INSULATING INDUCTION-COILS.

Specification forming part of Letters Patent No. **210,987**, dated December 17, 1878; application filed October 25, 1878.

To all whom it may concern:

Be it known that I, DAVID BROOKS, of Philadelphia, Pennsylvania, have invented a new and useful Improvement in Insulating Induction-Coils, &c., of which the following is a specification:

The object of my invention is to thoroughly insulate induction-coils or bobbins of wire of electrical instruments and protect them from the influence of the damp atmosphere. This object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawing, the figure in which illustrates a method of carrying my invention into effect.

In the drawing, A is an ordinary induction coil or coils, or bobbins of wire, with their positive and negative poles *a a'*, and B is a vessel of any suitable shape or size, containing an

insulating-liquid, preferably paraffine-oil. I immerse the bobbins or coils, as shown in the drawing, and the coils, being kept thus immersed in the liquid, are protected from the influence of the damp atmosphere.

I claim as my invention—

The within-described method of insulating induction-coils or bobbins of wire of electrical instruments—that is to say, by immersing said bobbins or coils in a liquid insulating substance, as set forth.

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

DAVID BROOKS.

Witnesses:

ALEX. PATTERSON,
HARRY SMITH.