

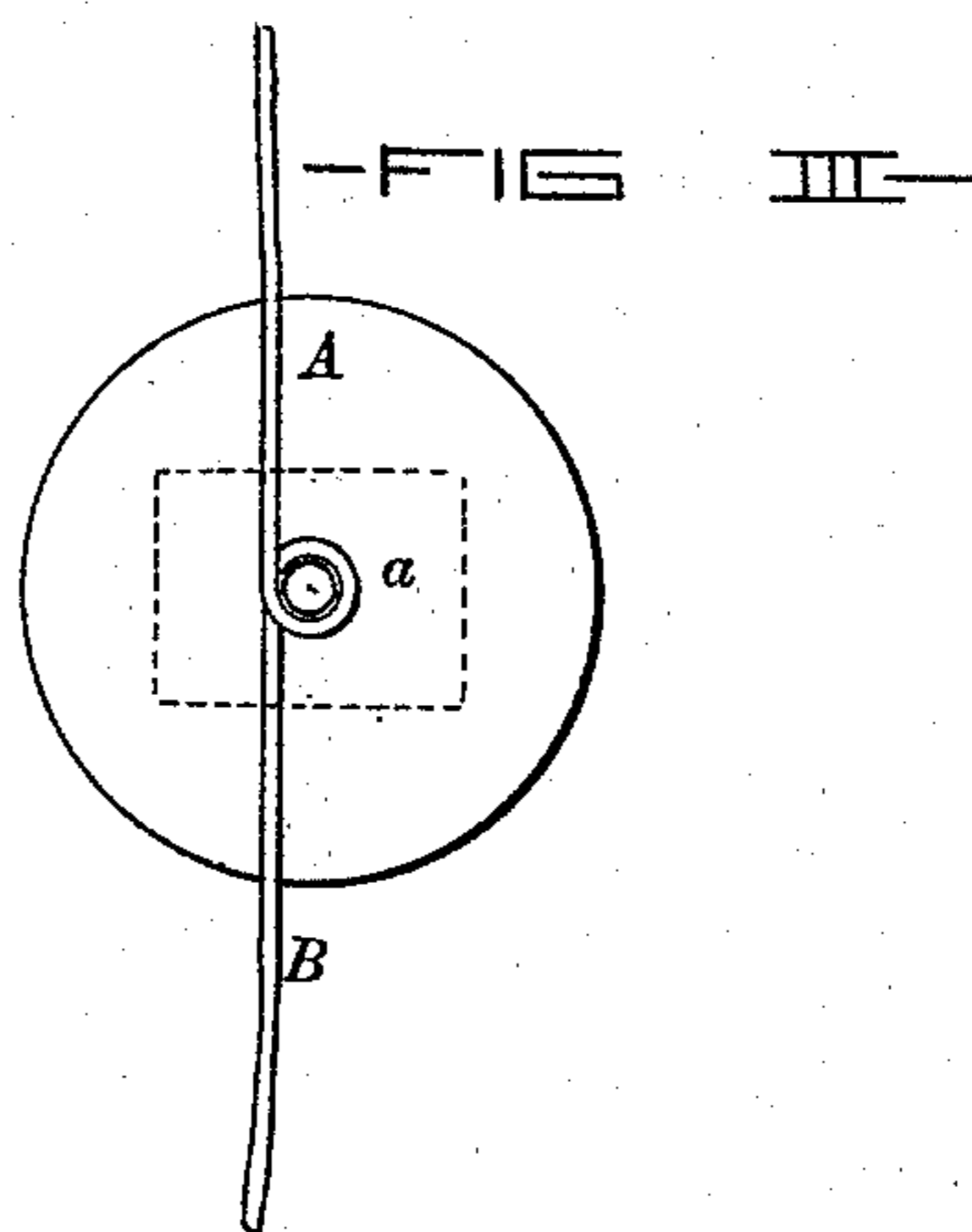
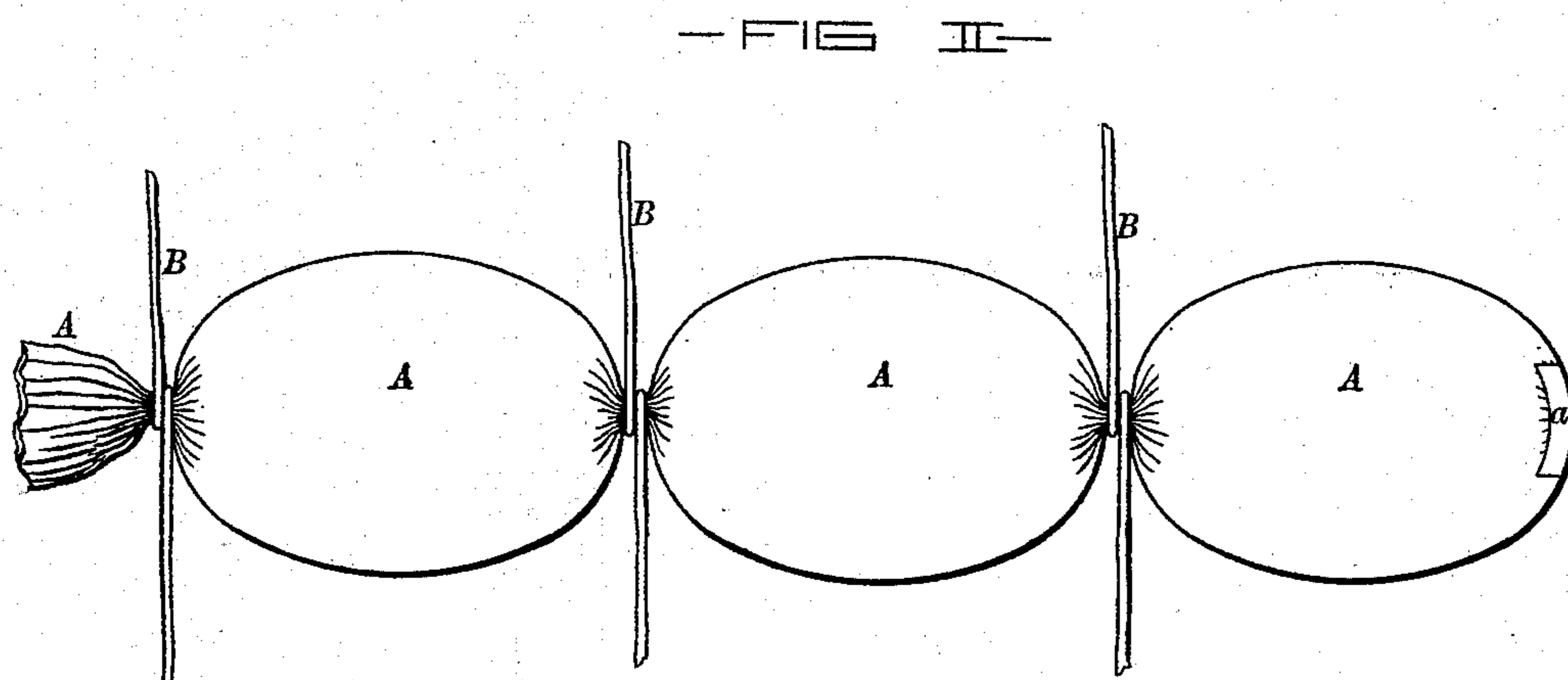
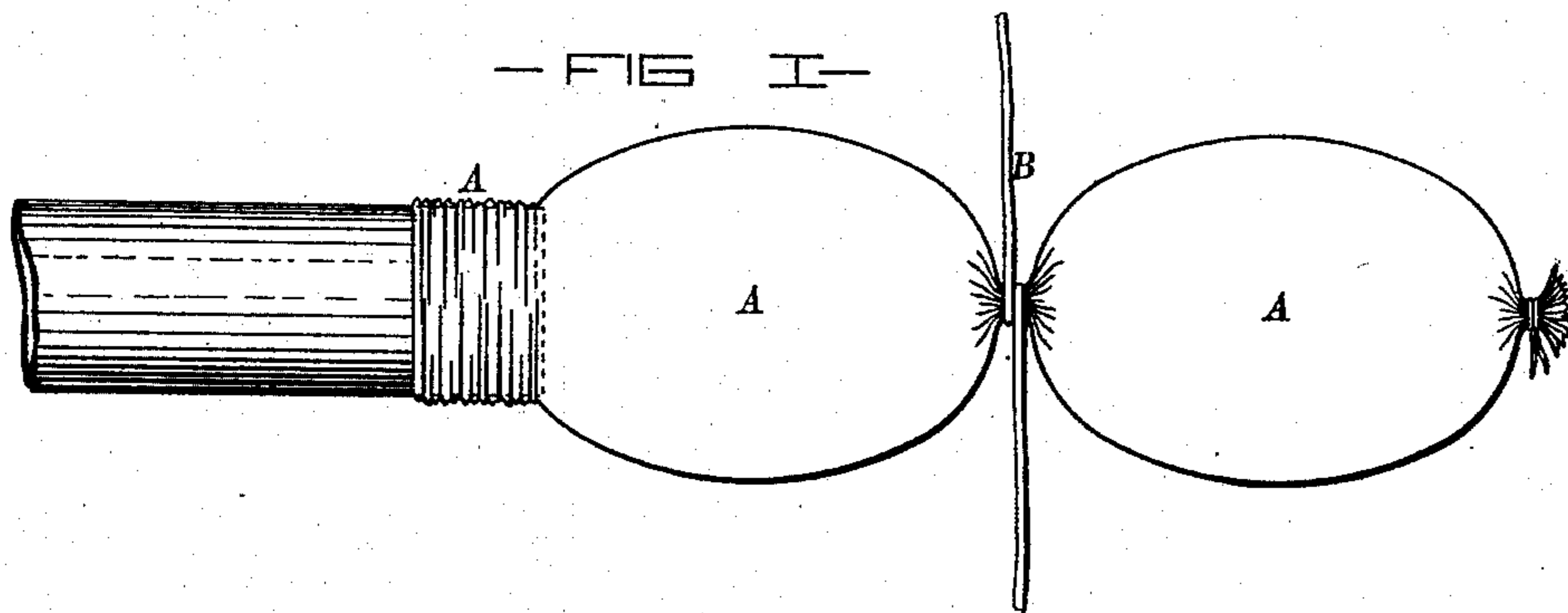
(No Model.)

M. T. FORSYTH, Sr.

PACKING SNUFF.

No. 252,205.

Patented Jan. 10, 1882.



— WITNESSES —

*Paul Fisher*  
*W. Huntington*

— INVENTOR —

*Manuel T. Forsyth, Sr.*  
*by E. H. Howard*  
*Attorneys.*

# UNITED STATES PATENT OFFICE.

MANUEL T. FORSYTH, SR., OF BALTIMORE, MARYLAND.

## PACKING SNUFF.

SPECIFICATION forming part of Letters Patent No. 252,205, dated January 10, 1882.

Application filed December 6, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, MANUEL T. FORSYTH, Sr., of the city of Baltimore, and State of Maryland, have invented certain Improvements in the Packing of Snuffs, of which the following is a specification.

In order to fully understand my invention, it may be proper to say that Scotch snuffs are usually packed in bladders, and the filling-aperture in the bladder sealed by securing another piece of the same material over it. As the bladders have to be tightly packed it is necessary that they should be able to resist a considerable internal pressure. Beef-bladders are therefore usually employed, those of smaller animals being too thin to withstand the strain of the packing process.

The object of my invention, as hereinafter described, is to produce a package of snuff which will resemble those in which beef-bladders are used as the casing, but of much smaller size, so that the consumer may be able to procure at a small outlay of money a closed package similar in character to those to which he is accustomed.

Another object of my invention is to utilize a waste product of the slaughter-house—viz., the gullet of beeves—as the casing for the packages.

My invention consists, first, in a closed package of snuff, the casing of which consists of a portion of beef-gullet with the ends contracted in size and closed by seals; and, secondly, in the process of packing or producing the said package, as hereinafter described.

In carrying out my invention I close one end of the ox-gullet and gather the same, which is in a moist condition, over the discharge-spout of the packing-machine. The machine is then put in operation, when the gullet is gradually filled and forced from the discharge-nozzle of the machine. As soon as the filled portion of the gullet attains a sufficient length for a package the machine is stopped and the filled gullet compressed by means of a short piece of copper wire, which is wrapped tightly around it. The machine is then again started and the process, as described, continued until the gullet is entirely filled and secured. The filled

gullet is then laid aside until the casing is dry, when the wires are removed and the sections of the package separated by cutting them apart with a knife. The ends of the separated packages are then freed from rough or projecting pieces of the gullet and the aperture closed by means of a seal consisting of a piece of paper, preferably containing the trade-mark under which the snuff is sold, which is pasted over the opening.

In the accompanying drawings, Figure I represents the beef-gullet during the filling operation. Fig. II shows the filled gullet after the removal of the wires and before its separation into packages. Fig. III is a cross-section of the filled gullet at a point where it is closed by the wire.

Similar letters of reference indicate similar parts in all the views.

In the said drawings, A represents the gullet, and B the wires. The ox-gullet is very elastic, and when compressed by the wires, as described, does not exhibit the creases which are usually found after compressing ordinary cylindrical casings. Consequently there is less finishing to each package after its separation from the others and before the application thereto of the paper seals, which are denoted by *a*.

I claim as my invention—

1. A new article which consists of a piece of ox-gullet containing snuff, with its ends contracted to a small aperture, and the said apertures closed by paper seals pasted over the ends of the package, substantially as specified.

2. An improved process of packing snuff, which consists in placing a piece of moist ox-gullet having its outer end closed over the discharge-nozzle of a snuff-packing machine, then filling the said piece of gullet, then dividing the filled package into a number of sections by constriction, then drying the connected packages, then separating them, and then closing the end apertures by means of seals, substantially as specified.

MANUEL T. FORSYTH, SEN.

Witnesses:

RICHARD S. GUEST,  
WM. R. TUMBLINSON.