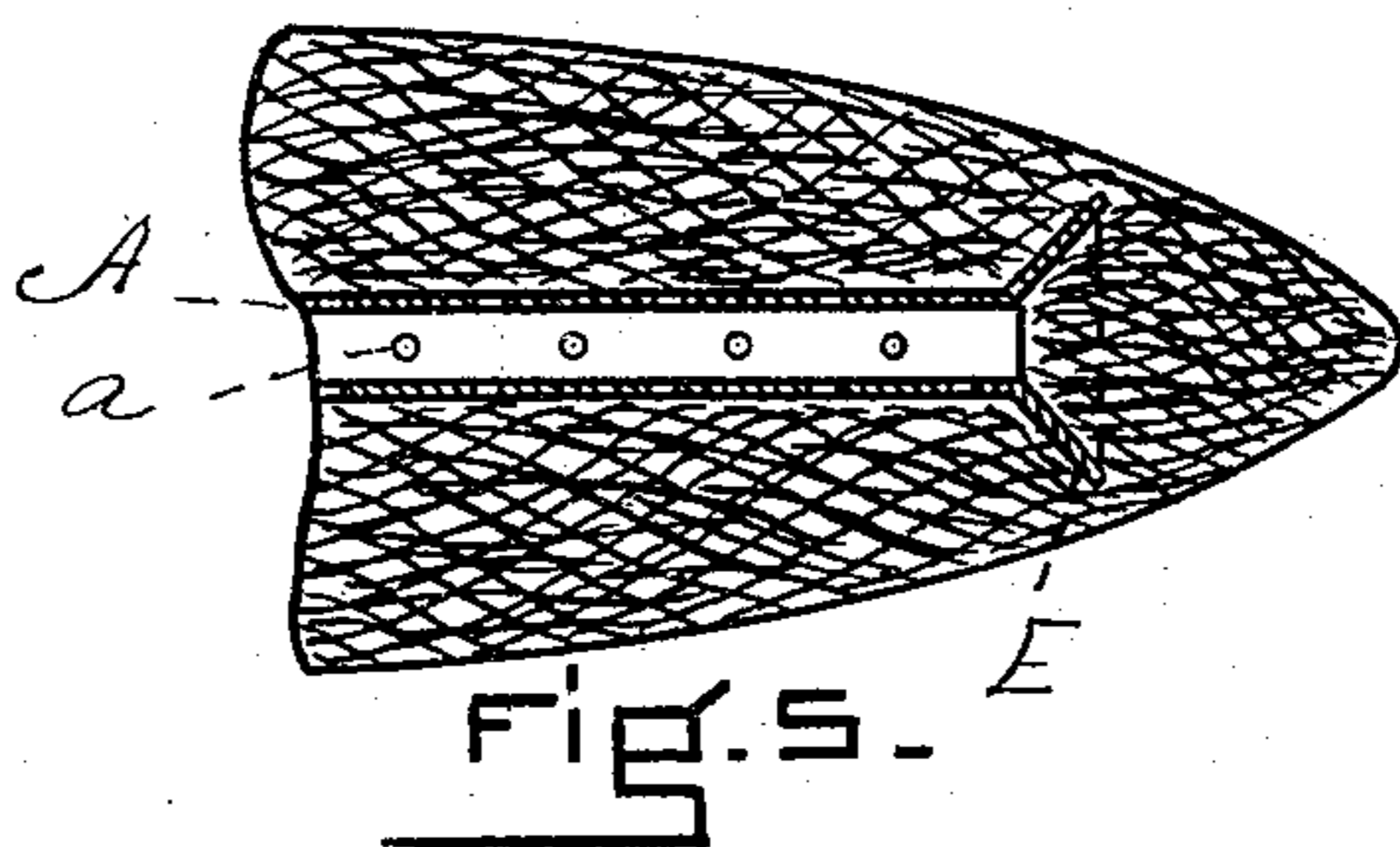
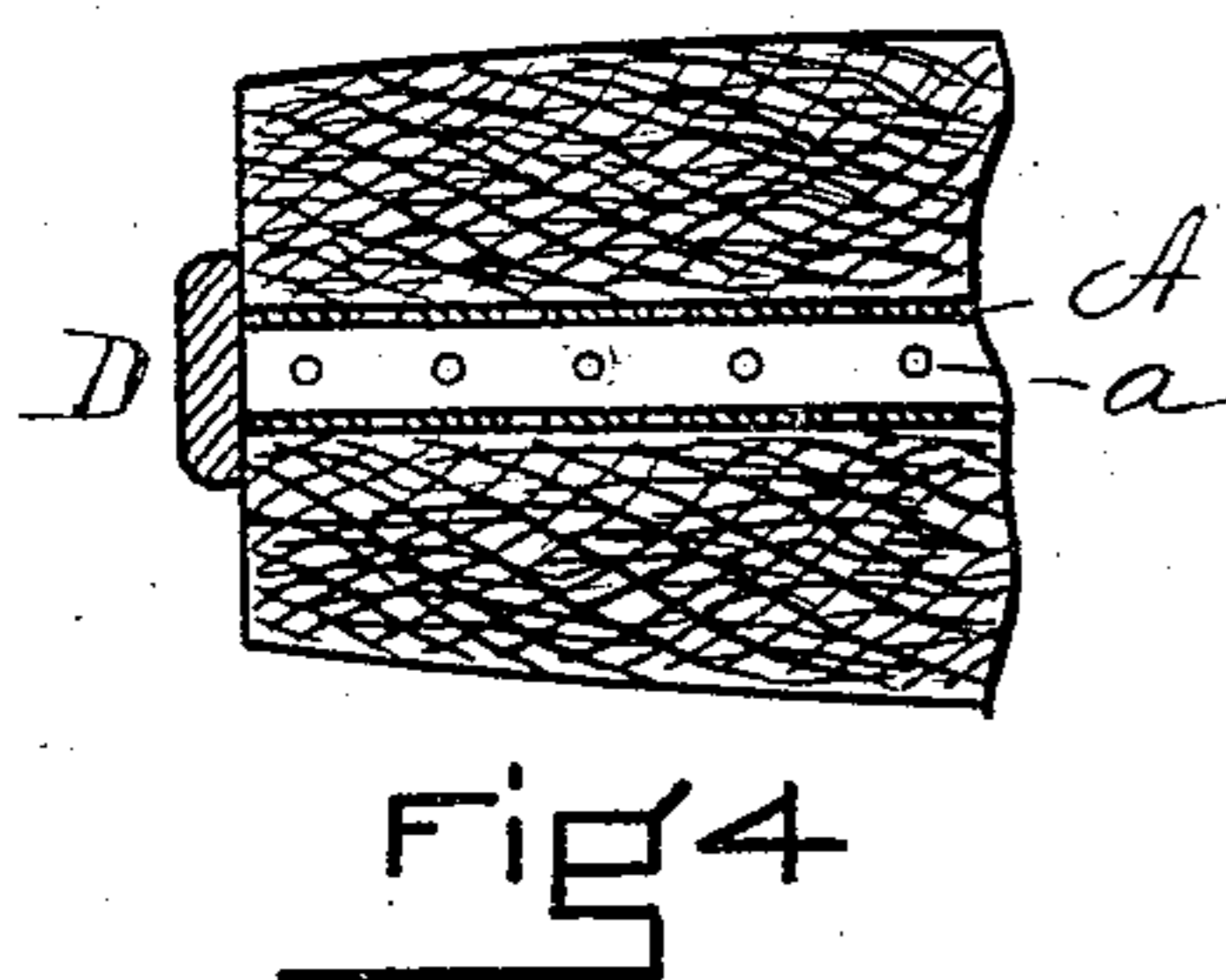
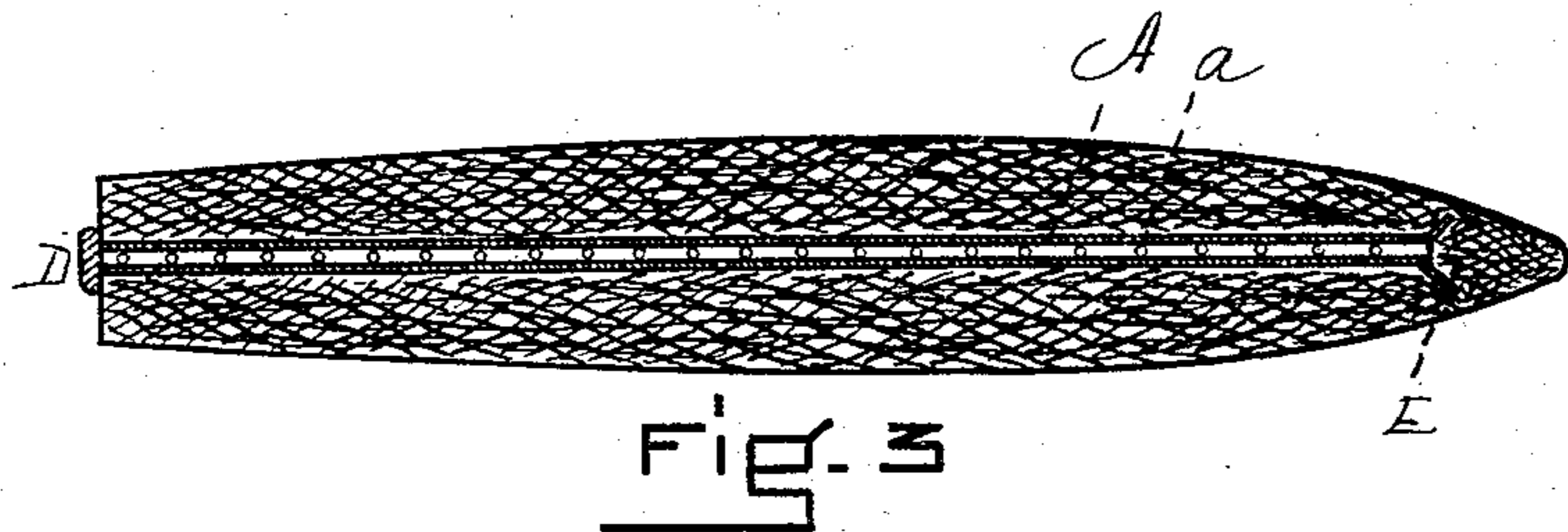
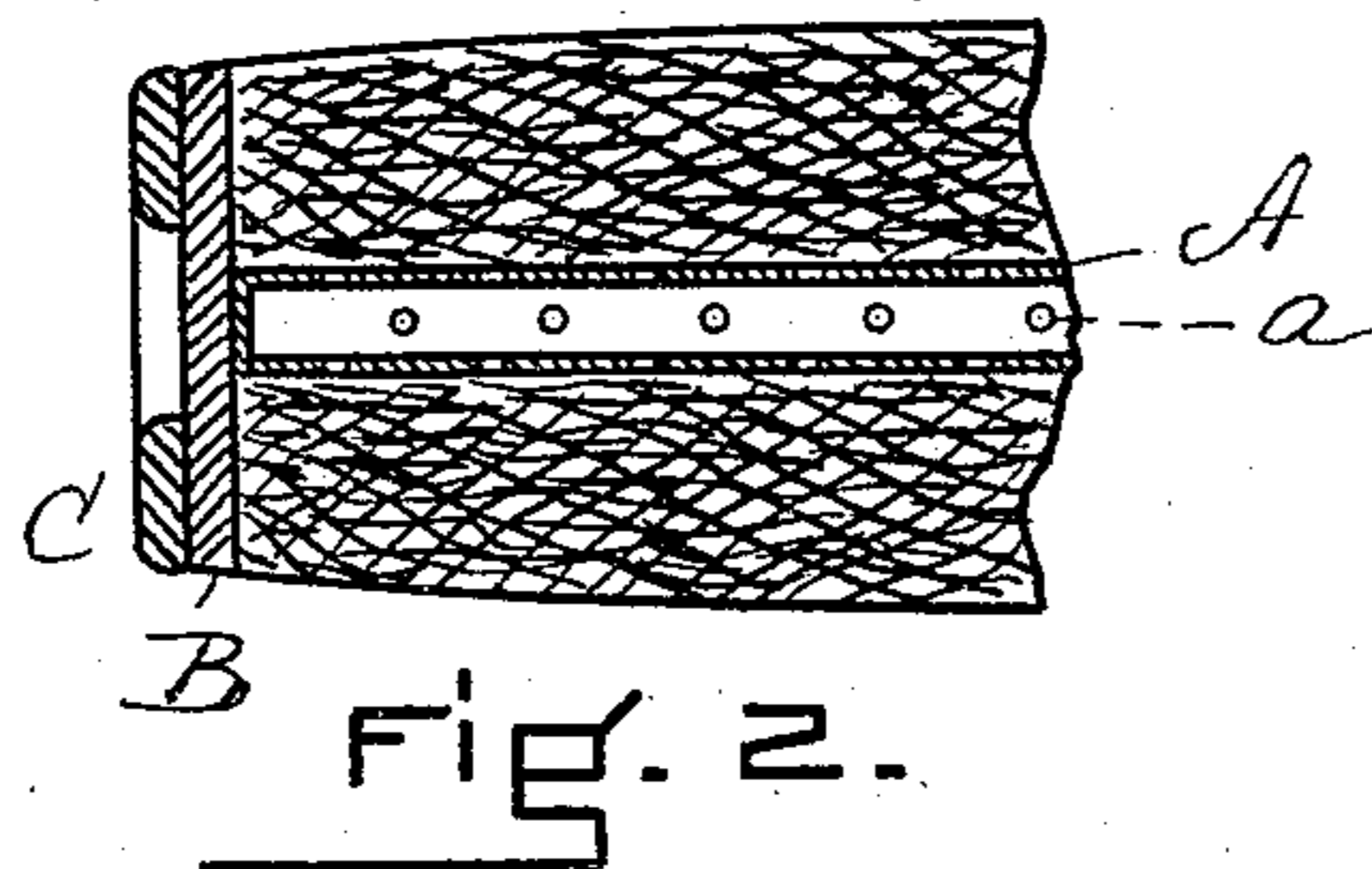
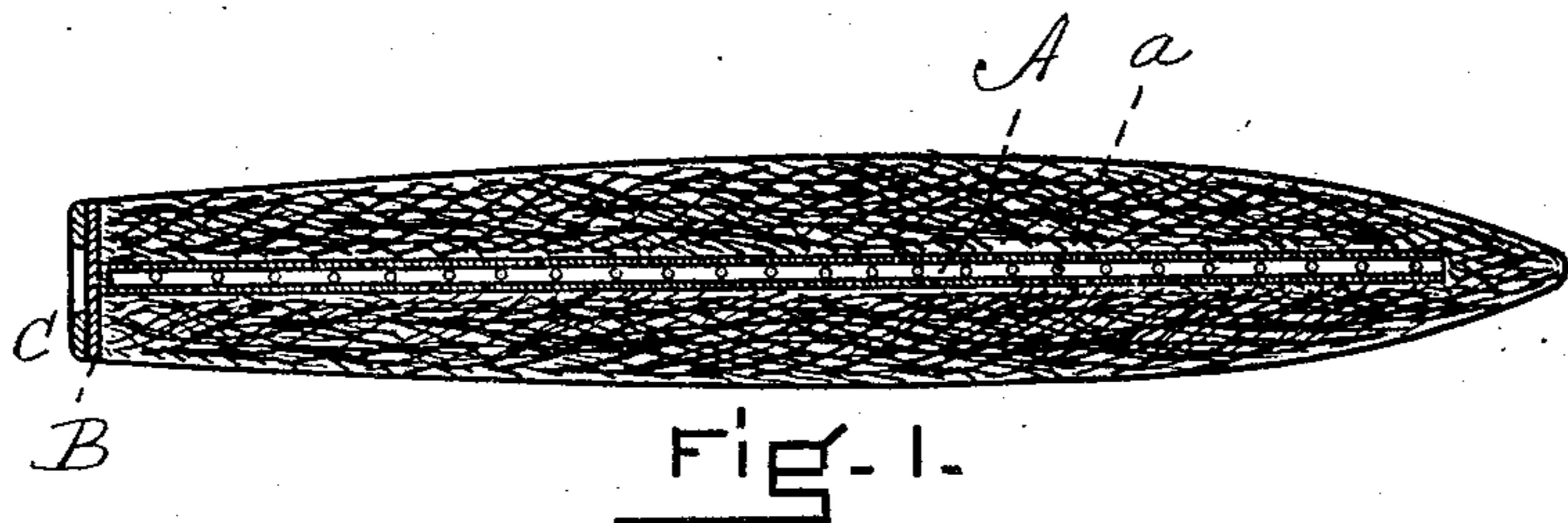


(No Model.)

L. M. HARRIS.
CIGAR.

No. 492,676.

Patented Feb. 28, 1893.



WITNESSES
J. M. Hartnett.
B. M. Williams

INVENTOR
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By his Atty
Henry Williams

UNITED STATES PATENT OFFICE.

LUTHER M. HARRIS, OF SOMERVILLE, MASSACHUSETTS.

CIGAR.

SPECIFICATION forming part of Letters Patent No. 492,676, dated February 28, 1893.

Application filed November 22, 1892. Serial No. 452,802. (No model.)

To all whom it may concern:

Be it known that I, LUTHER M. HARRIS, a citizen of the United States, residing at Somerville, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Cigars, of which the following is a specification.

This invention has for its objects, first, to improve the draft of a cigar, and second, to improve its flavor; and the nature of the invention is fully described below and illustrated in the accompanying drawings, in which

Figure 1 is a longitudinal section of a cigar with my improvement applied. Fig. 2 is an enlarged similar section of the lighting end. Fig. 3 is a longitudinal section showing the improvement in a slightly modified form. Figs. 4 and 5 are enlarged similar sections of the same showing respectively the lighting and closed ends.

Similar letters of reference indicate like parts.

A represents the body of the cigar having wrapper and filler as usual.

B is a tube made of any suitable inflammable material, small in diameter and extending from the lighting end of the cigar to a point so near the closed end, that when that end is cut off to prepare the cigar for consumption the rear end of the tube will be nearly or quite exposed. The rear end of this tube is open, and the front end may be open as shown in Figs. 3 and 4, or closed as shown in Figs. 1 and 2. If it be closed, the burning of the cigar will quickly open it. The tube is provided at intervals with perforations *a*. A poorly drawing cigar provided with this tube will be greatly improved in draft, and the perforations aid in detail work in the improvement of the draft and in generally equalizing it. Moreover, the material of which the tube is made has an important effect on the flavor of the cigar. If no additional or corrective flavor is desired, rice paper or pulp may be employed in its manufacture, but if the flavor is to be improved, the tube may be made of

good tobacco or some substance agreeably flavored. The front end of the tube has secured to it a disk B of material similar to that used in the tube. This disk covers the lighting end, and has applied to or smeared on the outside a substance C ignitable by friction, so that the cigar may be lighted without the aid of a match. This feature however, is not claimed broadly as new. The substance C is preferably applied to the disk B near its periphery as the fire will quickly communicate with the center of the disk and all portions of the end of the cigar. If desired, the disk B may be omitted and an ignitable patch, as D, applied directly to the end of the tube, as shown in Figs. 3 and 4. Also it may be desirable to apply a flange or flaring mouth E to the rear end of the tube, as shown in Figs. 3 and 5, in order to increase the draft.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A cigar provided with an internal tube of combustible material longitudinally placed therein, said tube being provided with perforations in its walls and extending from the lighting end of the cigar nearly to its closed end, substantially as described.

2. A cigar provided with an internal tube of combustible material, longitudinally placed therein, said tube extending from the lighting end of the cigar nearly to its closed end and provided at its front end with a flange B overlapping the lighting end of the cigar and smeared with a substance ignitable by friction, substantially as described.

3. A cigar provided with an internal tube of combustible material longitudinally placed therein, said tube extending from the lighting end of the cigar nearly to its closed end, and said tube being provided at its rear end with the flaring flange E, substantially as set forth.

LUTHER M. HARRIS.

Witnesses:

HENRY W. WILLIAMS,
J. M. HARTNETT.