

No. 765,410.

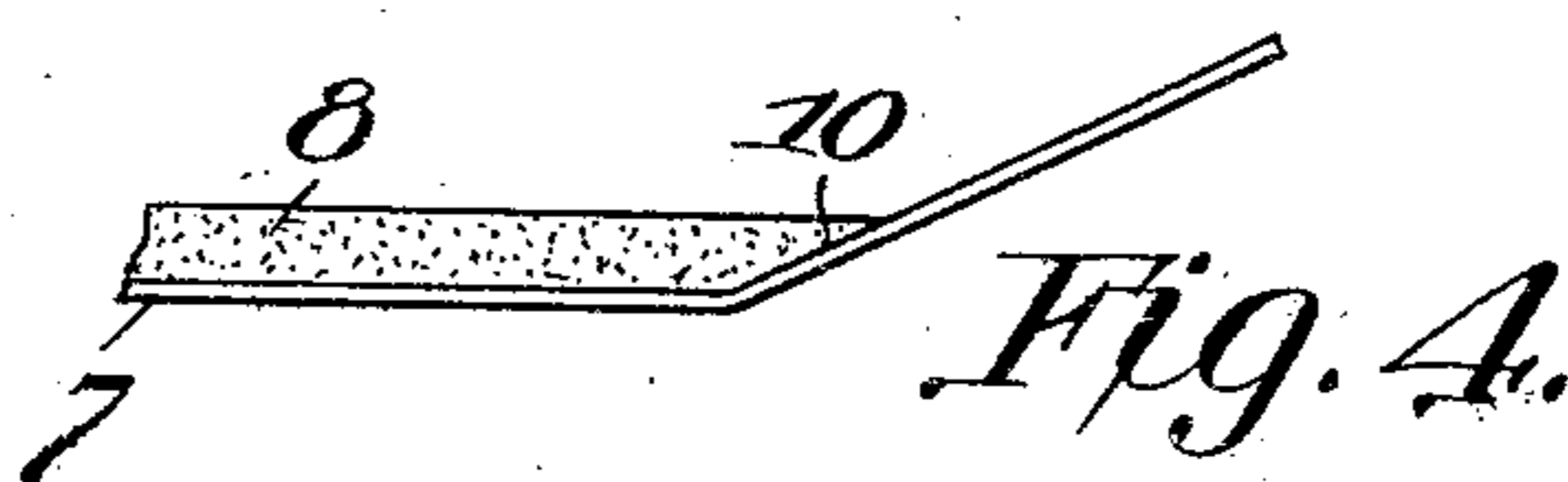
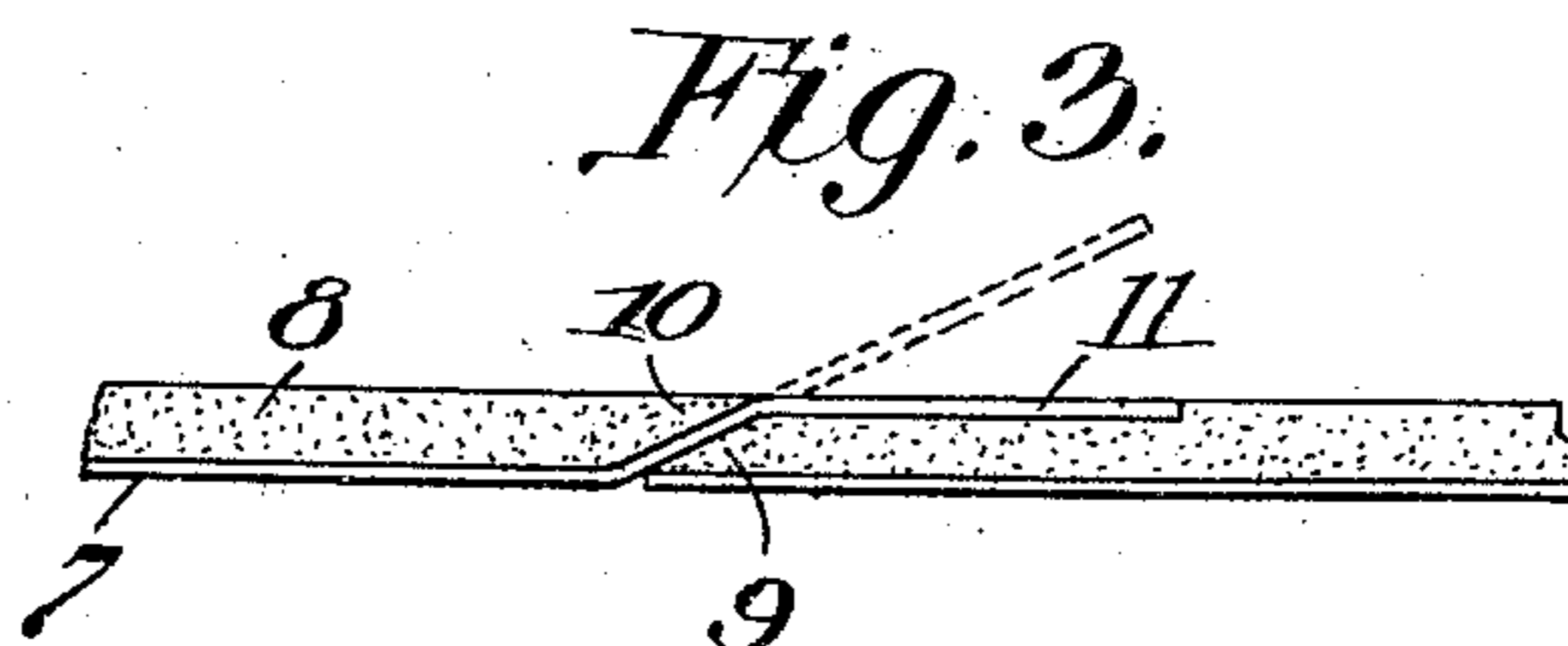
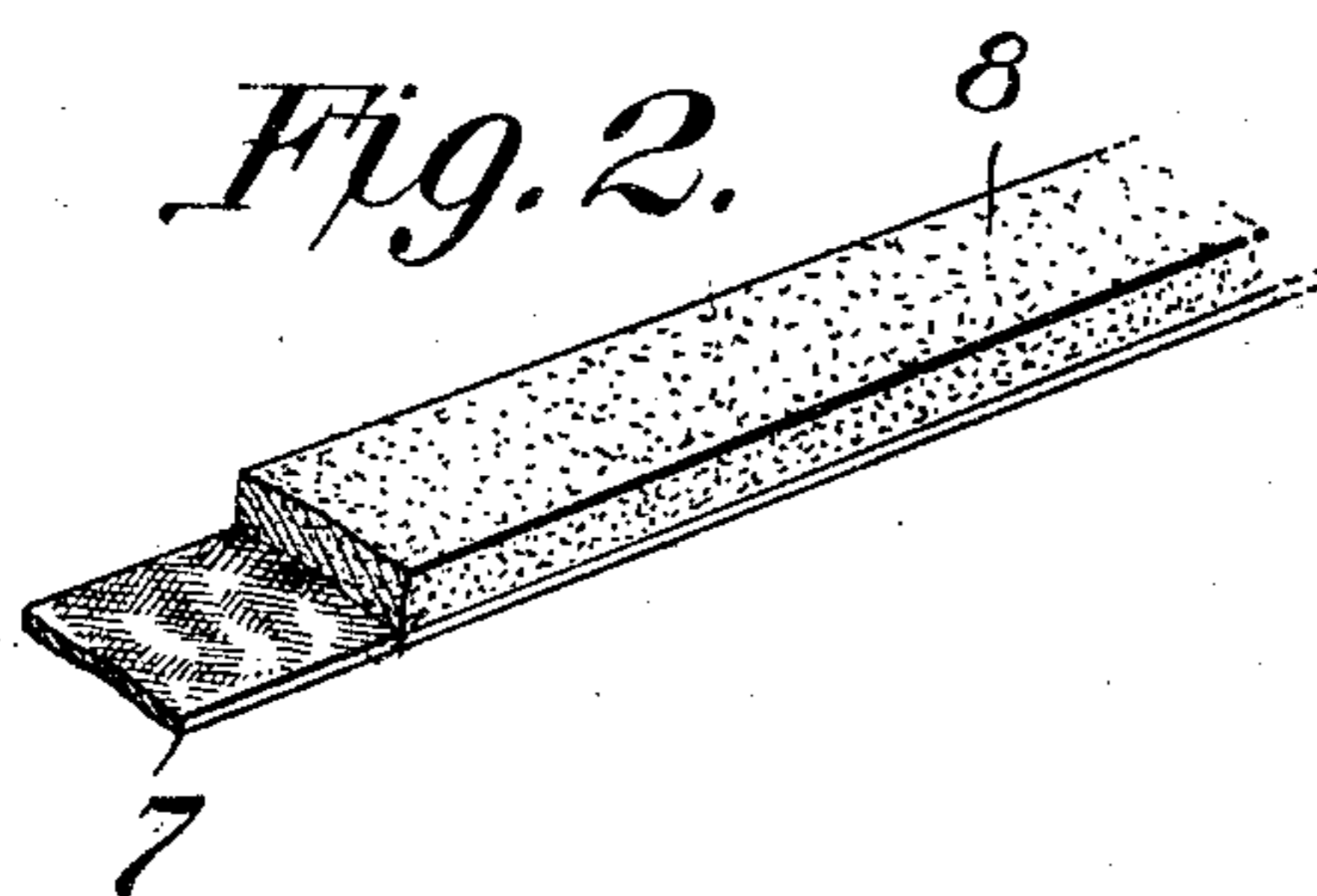
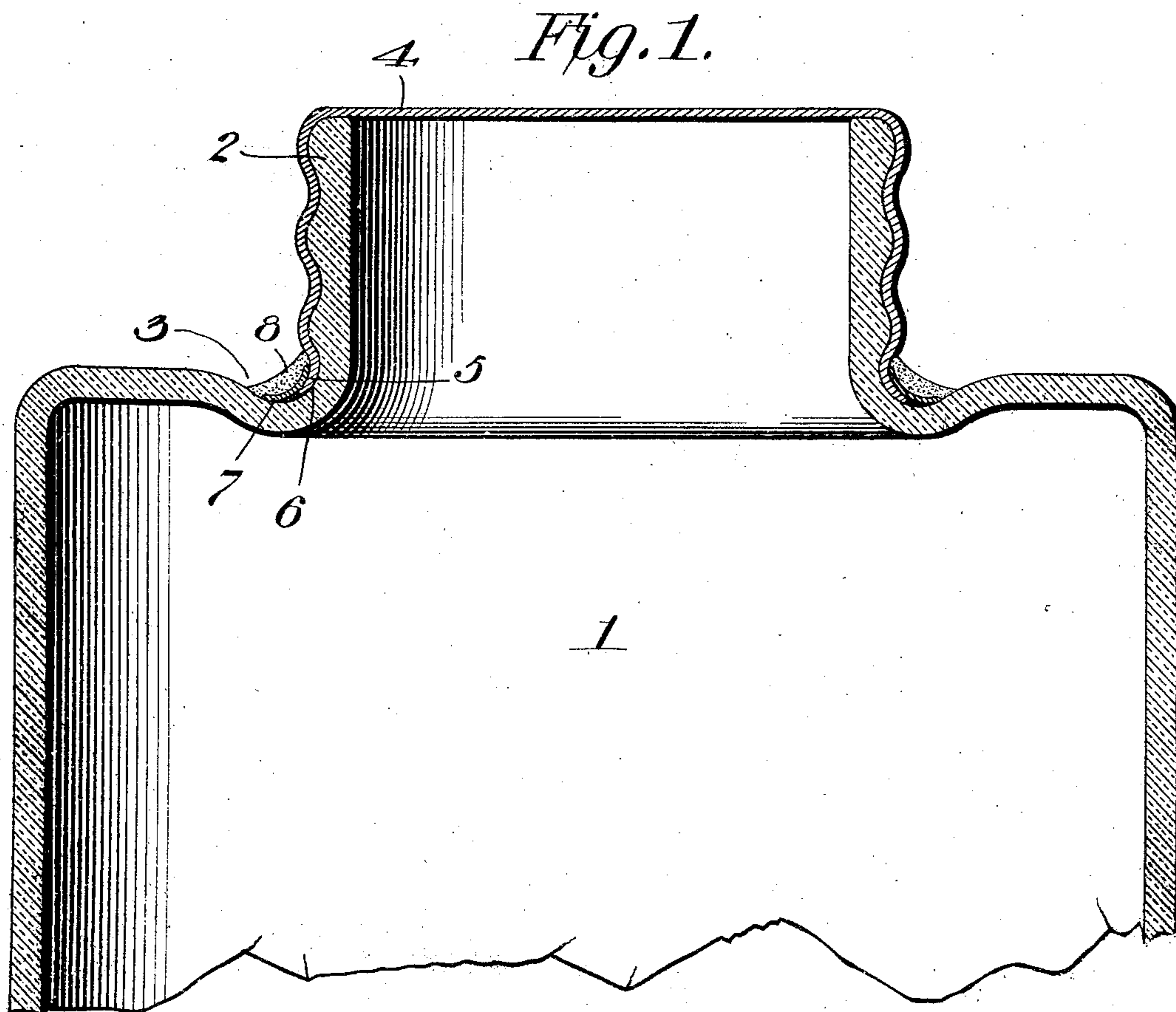
PATENTED JULY 19, 1904.

E. J. YEARLY.

FRUIT JAR.

APPLICATION FILED NOV. 21, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

EDWARD J. YEARLY, OF BURLINGTON, NEW JERSEY.

FRUIT-JAR.

SPECIFICATION forming part of Letters Patent No. 765,410, dated July 19, 1904.

Application filed November 21, 1903. Serial No. 182,179. (No model.)

To all whom it may concern:

Be it known that I, EDWARD J. YEARLY, a citizen of the United States, residing at Burlington, in the county of Burlington and State of New Jersey, have invented a new and useful Fruit-Jar, of which the following is a specification.

This invention relates to means for sealing jars, one of the primary objects thereof being to provide an effectual seal capable of being repeatedly used, so as to exclude all foreign matter, including air, bacteria, and other parasites.

Another object of the invention is to provide a seal which can be applied and detached without the aid of tools or other appliances.

A further object of the invention is to provide a seal which when properly applied will present an unbroken surface throughout its entire length.

Other objects and advantages, as well as the novel details of construction, will be specifically set forth in the following description, it being understood that changes in form, proportion, and minor details of construction may be resorted to without departing from the spirit of the invention or sacrificing any of the advantages thereof.

In the drawings, Figure 1 is a fragmentary vertical longitudinal sectional view of a jar, showing my invention applied. Fig. 2 is a detail perspective view of a portion of the sealing-strip. Fig. 3 is a fragmentary edge view of the strip, and Fig. 4 is a fragmentary edge view of one end of the strip.

The invention is primarily intended for use in connection with fruit-jars, and I have illustrated the preferred form of jar as comprising a receptacle 1, having a constricted exteriorly-threaded neck 2, at the juncture of which with the jar is a circumferential groove 3, which may be formed in any well-known manner.

The usual cap 4 is internally threaded to screw on the neck 2, so that the flange edge 5 will lie adjacent to the flared wall 6 at the lower end of the neck and will be slightly spread when the cap is screwed on, thus to insure a close union between the parts. In assembling

the cap on the neck the flange edge will snugly fit the adjacent wall of the neck and rest against the floor of the groove, so that when the seal is placed in the groove the inner edge thereof will overlap the edge of the cap-flange 5. The seal comprises a backing-strip 7, of linen, cloth, or other flexible or fibrous material, and a body or coating of sealing material 8, the backing-strip subserving the dual purpose of a carrier for the sealing material and also to present a rip-seal, which will render easy the opening of the jar. The sealing material with which the strip is coated will preferably consist of paraffin-wax or some similar readily-fusible material, which may be applied in sufficient quantity to insure that a hermetically-sealed joint will be effected between the cap and the neck of the jar. The terminals 9 and 10 of the seal when positioned upon the jar are inclined with relation to each other, this being due to the fact that the strip 7 is brought over and seated upon the outer side of the seal, as shown at 11, the unsealed position of the outer terminal of the strip being indicated by dotted lines in Fig. 3. By this manner of disposing the outer terminal of the strip with relation to the sealing material a joint is formed that is neat in appearance and impermeable to entrance of moisture and air. By preference this strip will be made of stout material, so that it can be repeatedly removed and applied, and generally the heat present in the contents of the jar will be sufficient to cause the sealing material to fuse without the application of external heat.

What I claim, and desire to secure by Letters Patent, is—

1. The combination with a fruit-jar having the base of its neck provided with a circumferential groove, and a cap the lower end of which engages the wall of the groove and is slightly flared thereby, thus to effect a close union between the parts, of a sealing-strip disposed within the groove and covering the juncture between the cap and the jar.

2. The combination with a jar provided near the base of its neck with a circumferential groove, and a cap having its lower end

in engagement with the walls of the groove, of a sealing-strip seated within the groove and having its backing overlapping the outer side of the strip.

- 5 3. The combination with a jar having a threaded neck terminating at its base in a circumferential groove, and a threaded cap engaging the neck and having its lower end flared by the groove, of a sealing-strip seated

within the groove and having its backing to overlapping the outer side of the strip.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

EDWARD J. YEARLY.

Witnesses:

GEO. GRIEGG,
WM. S. CHERRY.