

(No Model.)

F. B. DARBY.
DENTAL CAPSICUM PLASTER.

No. 335,799.

Patented Feb. 9, 1886.

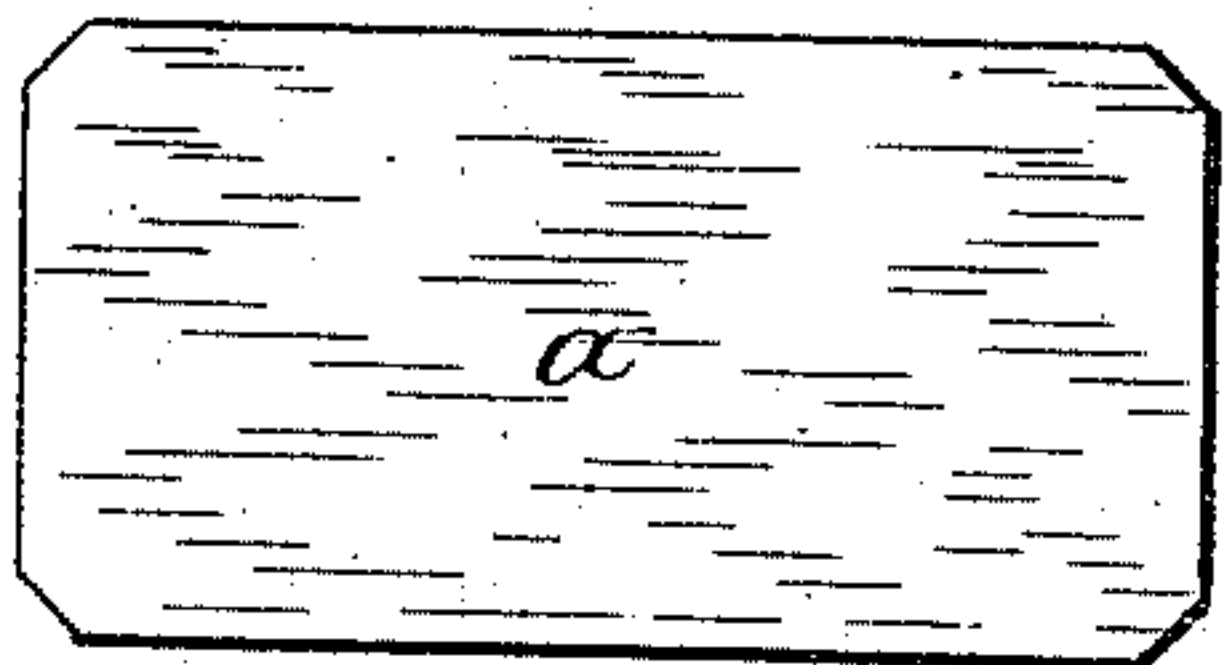


FIG-I-

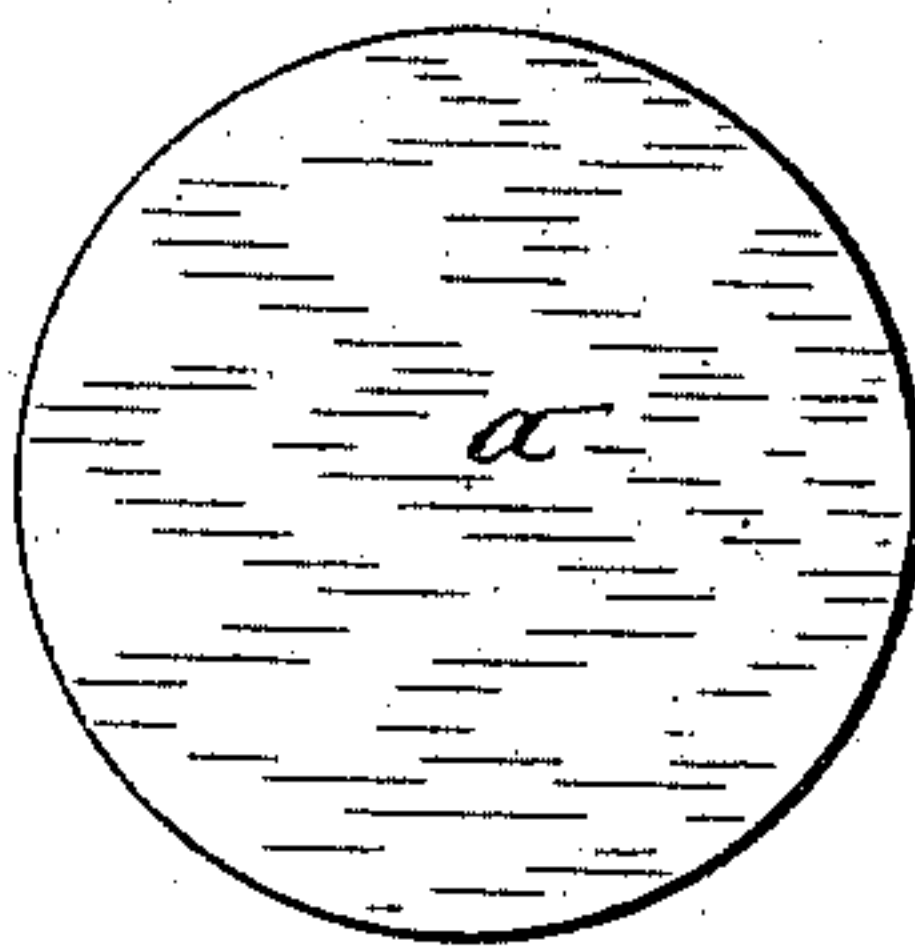


FIG-II-

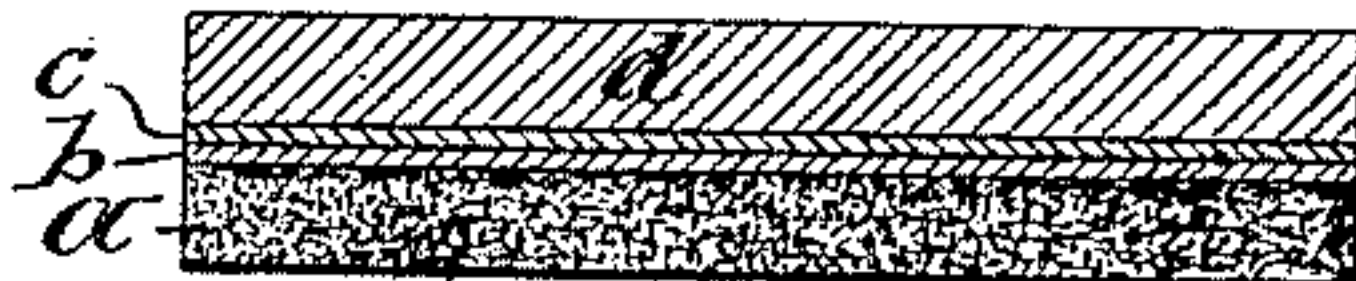


FIG-III-

WITNESSES

C. Bendixon —

E. C. Cannon —

INVENTOR

Frank B. Darby —

per Wm. L. L. & Co. —
his Atty.

UNITED STATES PATENT OFFICE.

FRANK B. DARBY, OF ELMIRA, NEW YORK.

DENTAL CAPSICUM PLASTER.

SPECIFICATION forming part of Letters Patent No. 335,799, dated February 9, 1886.

Application filed October 26, 1885. Serial No. 180,950. (No specimens.)

To all whom it may concern:

Be it known that I, FRANK B. DARBY, of Elmira, in the county of Chemung, in the State of New York, have invented new and useful
5 Improvements in Dental Capsicum Plasters, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention consists in a novel construction of a capsicum plaster specially designed
10 for dental use.

To render my invention more easily comprehensible, and to better enable others skilled in the art to make and use the same, I annex
15 hereto drawings showing my improved capsicum plaster on a greatly-enlarged scale.

Figures I and II in said drawings are face views of the plaster of different forms, and Fig. III is a transverse section of the same.

20 *a* represents a compound of powdered capsicum and ginger, to which I add a suitable flavoring-spice, for the purpose of rendering the plaster more agreeable to the patient, said ingredients being mixed with a solution
25 of rubber to form a paste, which is spread upon a piece of muslin or cloth, *b*. Upon the back of this cloth I apply a gum or rubber tissue or disk, *c*, for the purpose of preventing the action of the capsicum through the back
30 of the plaster, and to the back of said tissue I attach a cushion, *d*, of felt or other suitable pliable material, for the purpose of increasing the bulk of the plaster and further guarding against the penetration of the capsicum.

35 The described capsicum is used for allaying pain or soreness of the teeth or gums and acts as a counter-irritant and stimulant. When in use, it is applied to the gum of the mouth with the capsicum compound resting on the
40 gum, and when so applied it is found that the

action of the plaster is confined to the gum of the mouth by the gum or rubber tissue *c*, and the smarting of the interior of the lip is thus obviated, and the felt cushion *d* further guards against the penetration of the capsicum and
45 increases the bulk of the plaster, so as to receive more pressure against the gum and to be held better in its requisite position.

This capsicum plaster is rendered quite pleasant to the patient by the addition of the
50 flavoring-spice to the capsicum.

I am aware that plasters have been made by applying a solution of rubber to one side of fabric and the plaster composition on the other side of said fabric; but such a plaster
55 fails to perfectly accomplish the object of my invention as hereinbefore stated.

What I claim as my invention is—

1. The dental capsicum plaster consisting of the within-described medical compound
60 spread upon one side of a cloth, a rubber or gum tissue or disk upon the opposite side of said cloth, and felt or other analogous material upon the aforesaid tissue or disk, substantially as described. 65

2. A dental capsicum plaster having a cushioned back and an elastic impervious disk interposed between the plaster proper and its
70 aforesaid cushioned back, substantially as set forth.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Elmira, in the county of Chemung, in the State of New York,
this 5th day of October, 1885.

FRANK B. DARBY. [L. s.]

Witnesses:

H. L. BACON,
W. A. DODSON.