

No. 688,446.

Patented Dec. 10, 1901.

H. F. STEMPEL, JR.
GUM PLASTER.

(Application filed May 20, 1901.)

(No Model.)

Fig. 1.

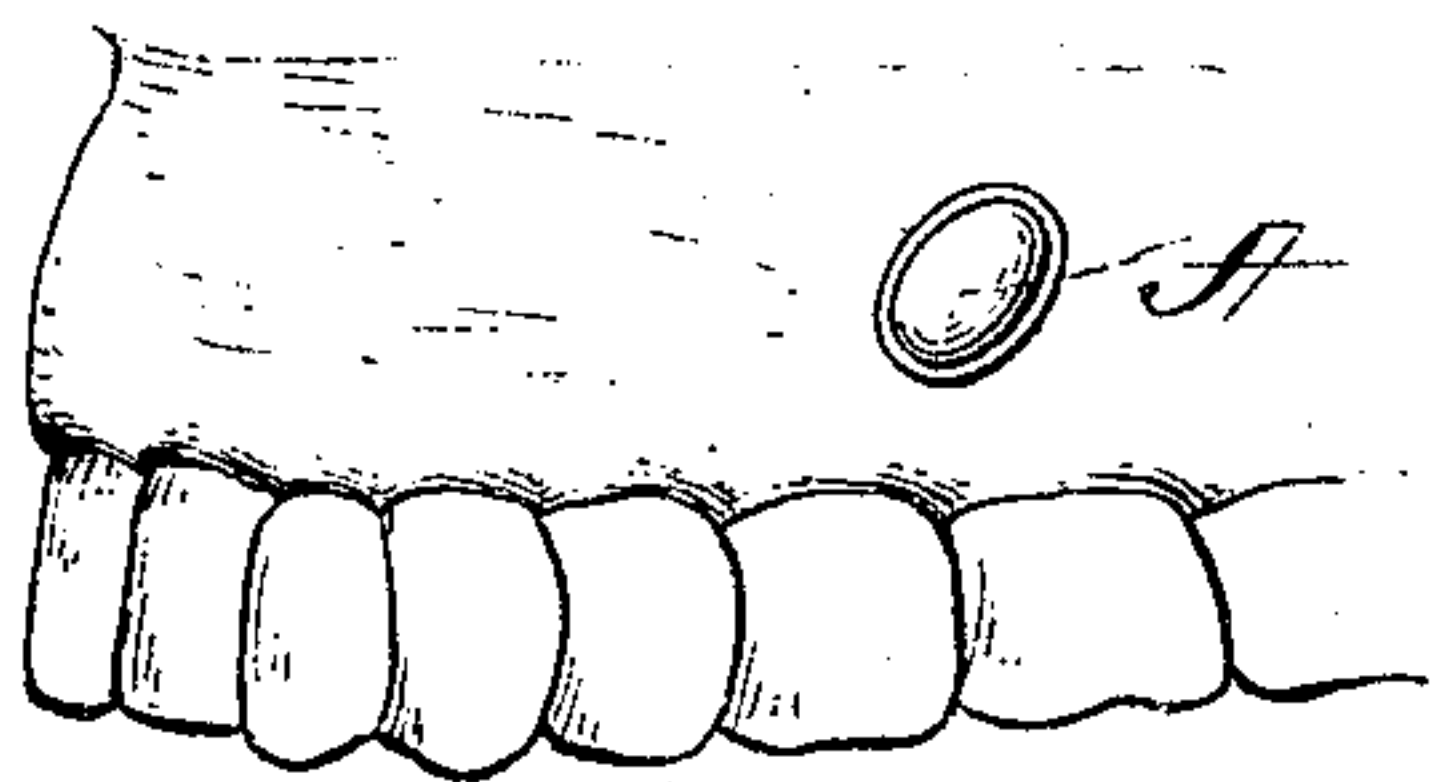
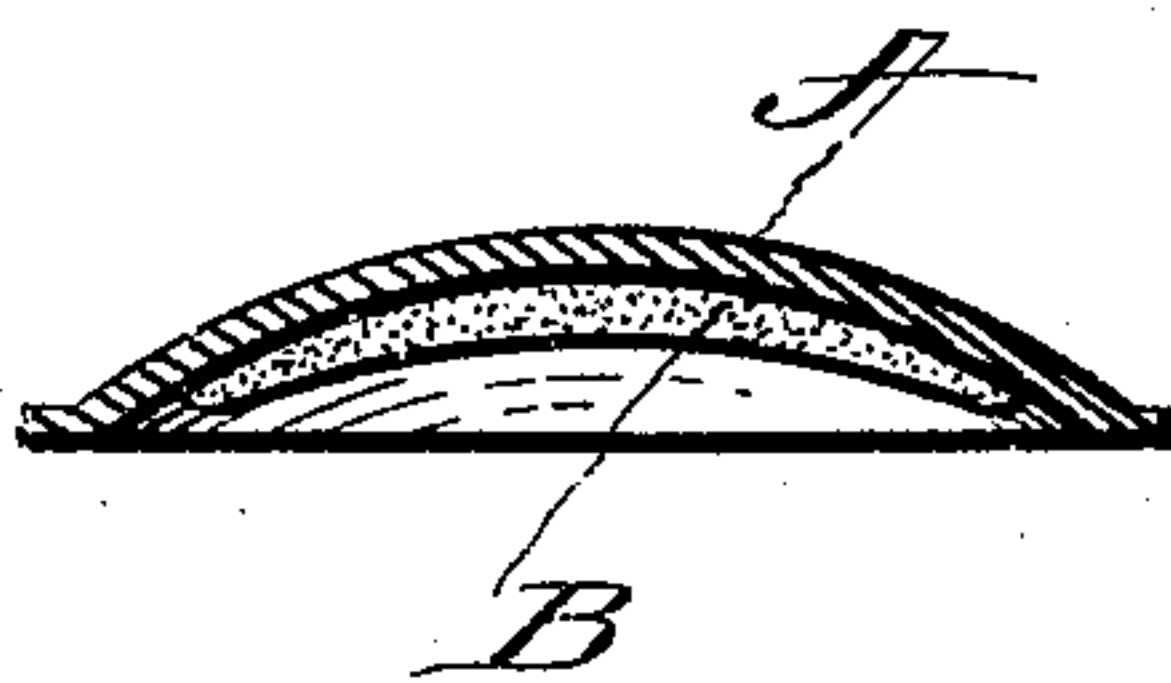


Fig. 2.



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UNITED STATES PATENT OFFICE.

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GUM-PLASTER.

SPECIFICATION forming part of Letters Patent No. 688,446, dated December 10, 1901.

Application filed May 20, 1901. Serial No. 61,108. (No specimens.)

To all whom it may concern:

Be it known that I, HERMAN F. STEMPEL, JR., a citizen of the United States, residing at Fort Madison, in the county of Lee and State of Iowa, have invented certain new and useful Improvements in Gum-Plasters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

The invention relates to gum-plasters—plasters for the treatment of gums.

Heretofore when it was desired to apply a plaster to the gum great difficulty was experi-
15 enced in causing the plaster to adhere to the gum, for if the gum were slightly moist the plaster would work loose or shift its position.

The object of the present invention is to provide a plaster which will securely hold itself
20 in the position in which it is applied whether the gum be moist or not. In fact, if moist the plaster will have a greater retaining or adhesive power.

With this object in view the invention con-
25 sists in a plaster for applying medicaments to the gum, consisting of an elastic cup having a convex inner surface, to which inner surface is securely fixed an absorbent lining for holding and retaining the medicament, the device being of a size easily covered by
30 the lips of the wearer.

In the accompanying drawings, Figure 1 is a view illustrating the application of the in-
35 vention, and Fig. 2 is an enlarged vertical sectional view through the plaster.

In the drawings, A denotes a cup made, preferably, of rubber, and B denotes a piece of absorbent material secured within the cup. The medicament is placed in the cup and the
40 cup forced against that part of the gum to

which it is desired to apply it and will be se-
curely retained in position by the suction due
to the forcing of the air from out of the cup
in the act of pressing it against the gum. The
medicament may be applied to the cup in
45 other ways than by providing the cup with a piece of absorbent material. For instance, a piece of raw cotton made up into a little sphere may be supplied with the medicine,
packed into the cup, and the cup then applied
50 to the gum.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and ad-
55 vantages of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and details of construction may be made with-
in the scope of the invention without depart-
60 ing from the spirit or sacrificing any of the advantages thereof.

Having thus described my invention, what I claim, and desire to secure by Letters Pat-
65 ent, is—

A plaster for applying medicaments to the gum, consisting of an elastic cup having a convex inner surface, to which inner surface is securely fixed an absorbent lining for hold-
70 ing and retaining the medicament, the device being of a size easily covered by the lips of the wearer, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing wit-
nesses.

HERMAN F. STEMPEL, JR.

Witnesses:

C. E. HYDE,

M. J. GEMMETT.