

(No Model.)

W. C. FOULKS.
DENTAL CAPSICUM BAG.

No. 307,537.

Patented Nov. 4, 1884.

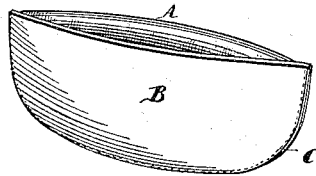


Fig. 1

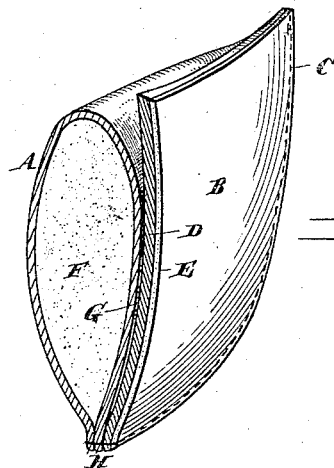


Fig. 2

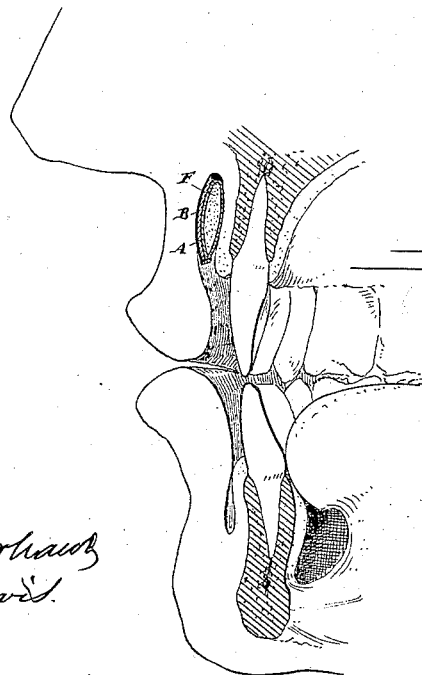


Fig. 3

Attest
Charles M. Spearman
Robert W. Davis.

Inventor
Wm. Charles Foulks

UNITED STATES PATENT OFFICE.

WILLIAM CHARLES FOULKES, OF PHILADELPHIA, PENNSYLVANIA.

DENTAL CAPSICUM-BAG.

SPECIFICATION forming part of Letters Patent No. 307,537, dated November 4, 1884.

Application filed June 27, 1884. (No model.)

To all whom it may concern:

Be it known that I, WM. CHARLES FOULKES, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Capsicum-Bags, of which the following is a specification, reference being had to the accompanying drawings, which form a part thereof.

The object of my invention is to provide for dentists' use in their varied practice the very best means of applying capsicum or other medicaments externally to inflamed gums, occasioned, it may be, by a bad condition of the nerves of the teeth. For example, it is sometimes found in dental practice that the quickest way to cure peridontitis, when it fails to respond to antiphlogistic treatment, is to apply a pepper-bag and hurry up the process of alveolar abscess with fistulous opening, which condition, when brought about in this manner, is usually so easy of treatment as to need no further special attention; also, there are other conditions of irritation and unrest in the gums which the skilled dentist will be able to treat advantageously with a properly-made capsicum-bag.

The principal improved novelties of my bag are two: first, it is so made as to present a smooth rounded filtrating-surface just where contact with a sore gum requires a smooth surface, and, second, it has a safety impervious covering on the opposite side to prevent heating and inflaming the well parts—i. e., the inside lining of the lips or cheeks opposite the place on the gum treated.

In the drawings, Figure 1 is a perspective view of my improved bag filled with capsicum, and finished with its safety-covering on one side. Fig. 2 is a perspective of a bisection of Fig. 1, taken centrally and presented upon a greatly enlarged scale. Fig. 3 is a vertical transverse section of the lower front part of the human head, taken centrally through the nose, and extending back nearly to the throat, and shows one of my capsicum-bags as if, lying centrally under the front upper lip, it was cut across, leaving but one end remaining in the section shown.

It will be seen in this view that the part of the bag highest up under the front lip is the part that has no seam; also, that the side facing to protect the lips is toward the lip.

The same letters indicate the same parts in each of the drawings.

A is a bag made of one piece of fine linen doubled so as to bring its ends together. Its corners are rounded where the ends come together, and it is ready for B, which is a piece of fine fabric prepared on one side with a fine, smooth, impervious gum cloth cut to match the folded linen, but left single thickness—that is, it is cut out one-half the length of the linen, and then the two are sewed by the same stitches, leaving the smooth edge of the gum cloth to follow along the line of the folded part of the linen.

C indicates the sewed seam; D, the base of B, or fabric upon which the gum or impervious finish E is placed.

F indicates the capsicum filling, and G the space left free for moisture to circulate between A and B.

H shows the stitching passing fully through A and B.

It will be seen that the moisture of the mouth can reach the porous linen in which the capsicum is placed—that is, A on the side toward B—by entrance all along its longitudinal line. The two are not sewed together, and moisture may reach the entire surface of the bag of capsicum without interfering with the protection the gummed cloth is designed to give the lips.

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

As a new article of manufacture, the capsicum-bag herein described, consisting of two parts—a porous container, A, and an impervious side attachment or finish, B—in combination with capsicum or other medicament filling, substantially as and for the purpose herein set forth.

WILLIAM CHARLES FOULKES.

Witnesses:

CHARLES W. SPARHAWK,
ROBERT W. DAVIS.