M. POUNDER & F. F. HANSKE.

DENTAL MASSAGE IMPLEMENT.

APPLICATION FILED MAY 15, 1913.

1,086,936. Patented Feb. 10, 1914.

Fig. 1.

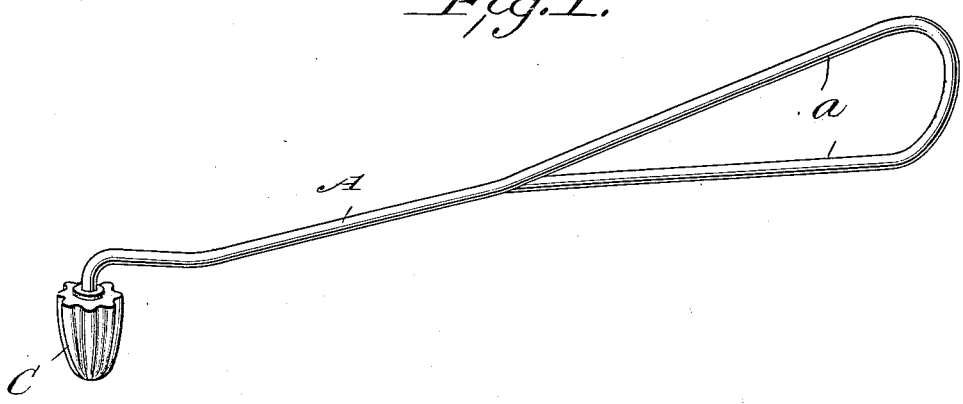


Fig. 3.

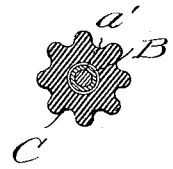
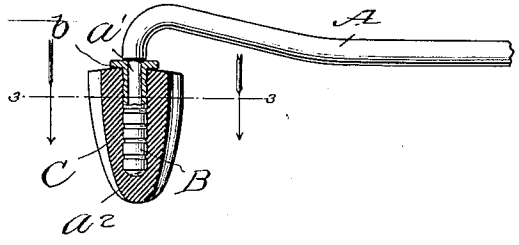


Fig. 2.



WITNESSES

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DENTAL MASSAGE IMPLEMENT.

1,086,936. Specification of Letters Patent. Patented Feb. 10, 1914.

Application filed May 15, 1913. Serial No. 767,763.

To all whom it may concern:

Be it known that we, MALCOLM POUNDER and FRANK F. HANSKE, citizens of the United States, and residents of Elkhart, in the county of Elkhart and State of Indiana, of the United States of America, have made a new and useful Improvement in Dental Massage Implements, of which the following is a specification.

Our present invention relates to dental tools in the nature of massage implements, our object being to provide a simple and inexpensive implement of this character which may be used to massage the gums of the oral cavity to provide and stimulate healthy circulation of blood in the gums and by these means prevent and cure various diseases of the gums including congested and receding gums.

With the above in mind our invention resides in the implement shown in the accompanying drawing in which—

Figure 1 is a perspective view illustrating our invention, Fig. 2 is an enlarged side elevation of the head end of the implement showing the massaging member partly broken away and in section, and, Fig. 3 is a detail transverse section taken through the massaging head substantially on the line 3—3 of Fig. 2.

Referring now to these figures, the holder A is in the form of a rod, the rear portion of which is bent back thereon in order to provide an open handle portion *a*, and the forward end of which is bent angularly and provided with a reduced laterally extending shank *a'*. Loosely mounted on the reduced shank *a'* is a freely rotatable sleeve B, the outer extremity of the shank having a head a^2 at the outer end of this sleeve in order to confine the latter, and the inner end of the sleeve being provided with an annular flange *b*. Disposed on the sleeve B is a massaging head C, which we have shown as conoidal in form, the smaller end being extended away from the holder A and the outer surface thereof being provided with longitudinally extending ribs in order to produce the necessary vibratory effect. This massaging head is preferably formed as shown and of soft rubber, with an aperture extending axially therein from its enlarged end and by which it may be disposed on the sleeve B, the sleeve being provided with a series of circular grooves whereby to effectively lock the head C from accidental displacement.

With the holder and massaging head constructed as shown and described, the implement may be conveniently and effectively used for the purposes before mentioned, and may be readily and easily maintained in a sanitary condition. The particular structure of the massaging head C may, however, be varied in seeking to prevent or to cure particular diseases or conditions of the gums, and may be formed of various materials, either vulcanized rubber, gutta-percha or celluloid being useful in certain cases, although the structure and material first mentioned is best adapted in the majority of cases and will be found to be satisfactory in practically all cases. The head may also be in the form of a massaging brush of which there are well known forms in use at present.

We claim:

1. An implement for massaging the gums of the oral cavity comprising a holder having a handle at one end and a laterally projecting shank at its opposite end, a member freely rotatable upon the said shank, and a massaging head disposed on the rotating member, said member having means engaged by the said head whereby to removably hold the latter in position for the purpose described.

2. An implement for massaging the gums of the oral cavity comprising a holder in the form of a rod, one end of which is bent back thereon to provide a handle, and the opposite end of which is bent substantially at right angles thereto and provided with a reduced shank having a head at its outer end, a sleeve freely rotatable on the reduced shank, and a ribbed massaging head removably disposed on the sleeve, all for the purpose described.

3. An implement for massaging the gums of the oral cavity, comprising a holder in the form of a rod having a handle at one end, the opposite end of which is bent sub-

stantially at right angles thereto and provided with a reduced portion having a headed extremity, a sleeve loosely rotatable upon the said reduced portion of the holder and provided with a plurality of annular grooves, and a massaging head removably disposed on the sleeve and adapted to engage the grooves thereof in order to support the same in position.

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