G. M. HANLY.

AMALGAM MIXER.

APPLICATION FILED SEPT. 10, 1914.

1,137,482. Patented Apr. 27, 1915.

FIG. 1.

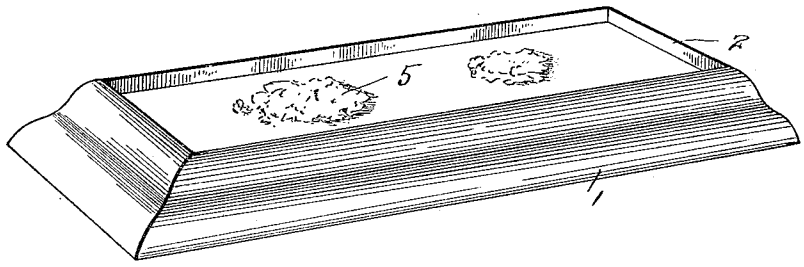


FIG. 2.

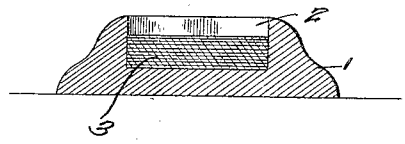
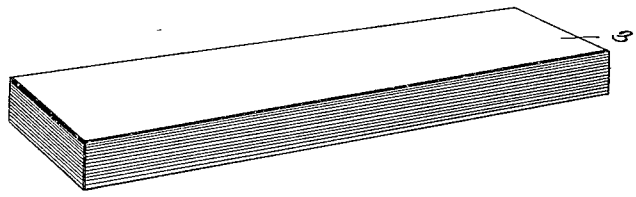


FIG. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE M. HANLY, OF LA GRANGE, ILLINOIS.

AMALGAM-MIXER.

1,137,482. Specification of Letters Patent. Patented Apr. 27, 1915.

Application filed September 10, 1914. Serial No. 861,121.

To all whom it may concern:

Be it known that I, GEORGE M. HANLY, a citizen of the United States, residing at La Grange, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Amalgam-Mixers, of which the following is a specification.

My invention relates to amalgam mixers, and more particularly to a mixer for dental amalgam, by means of which the amalgam may be thoroughly mixed in a sanitary manner without contact with the hands of the operator, so that all possibility of mercurial poisoning to which dentists and other practitioners are exposed, is avoided. It also removes all oxidation caused by amalgamation process, leaving the alloy white and clean.

The object of the invention is to so construct the same that it will have but few parts, and can be manipulated with facility.

In the drawing forming a part of this specification, and in which like symbols of reference represent corresponding parts in the several views: Figure 1 is a perspective view of the device with the amalgam ready to be mixed; Fig. 2 is a transverse section of Fig. 1; and, Fig. 3 is a perspective view of the pad.

1 represents the base of the device, which is preferably made of solid brass, which is nickeled. In the center of the base is a receptacle 2, adapted to receive a paper pad 3. 5 is the amalgam.

The operation of the device will be understood from the foregoing. The base piece is made of solid brass and nickeled. In the center of the base is a receptacle which receives the paper pad. The paper pad is composed of separable sheets of paper, especially prepared, and absorbs the oxidization produced by the amalgam mixing process, rendering the mixed amalgam clean and white. The amalgam and mercury may be mixed by any well-known means, and each sheet of the pad is to be removed as soon as soiled.

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

1. An amalgam mixer, comprising a base formed with a receptacle, in combination with a pad adapted to be received in the receptacle.

2. An amalgam mixer, comprising a base formed with a receptacle, and an absorbable medicated pad adapted to be received in the same.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE M. HANLY.

Witnesses:
H. J. GROWTING,
S. JOHNSEN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."