

S. G. SUPPLEE.
IMPRESSION TRAY.
APPLICATION FILED MAY 2, 1921.

1,385,505.

Patented July 26, 1921.

Fig. 1.

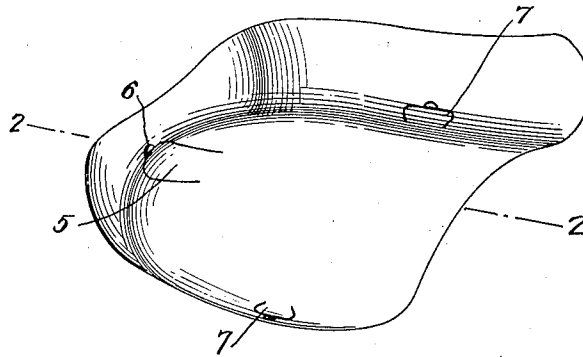


Fig. 2.

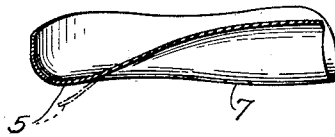
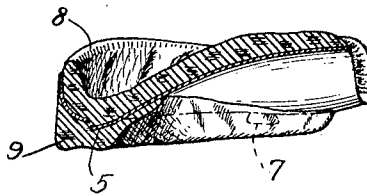


Fig. 3.



Inventor
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By his Attorneys
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UNITED STATES PATENT OFFICE.

SAMUEL GARFIELD SUPPLEE, OF EAST ORANGE, NEW JERSEY.

IMPRESSION-TRAY.

1,385,505.

Specification of Letters Patent.

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Application filed May 2, 1921. Serial No. 466,090.

To all whom it may concern:

Be it known that I, SAMUEL G. SUPPLEE, a citizen of the United States of America, residing at East Orange, Essex county, New Jersey, have invented a new and useful Impression-Tray, of which the following is a specification.

My invention relates particularly to a tray for dental impression work.

One object is to provide a tray that can be made cheaply and which may be conveniently used for the taking of a single impression and then discarded.

Another object is to provide a simple and cheap construction which may serve as a base plate for constructing a temporary set of teeth.

The tray is made of suitable material such as sheet aluminum, so that it can be readily formed to any model. Certain advantages may be had from the use of celluloid or pulp and possibly other material. Small sections are outlined or partially cut from the metal. One of these portions may be used as a handle, or one or more portions may serve as anchors.

Figure 1 is a perspective view of a tray embodying improvements of my invention.

Fig. 2 is a sectional view on the plane of the line 2—2 of Fig. 1.

Fig. 3 is a similar sectional view showing impression material secured to the tray.

Near the front edge of the tray I preferably stamp or cut a tongue 5, one end of which is attached to the body of the tray. This tongue normally lies in the plane of the body of the tray but is adapted to be bent down as shown in dot and dash lines of Fig. 2, so that it may serve as a handle for convenient grasping of the tray by the thumb and finger to facilitate handling. To facilitate the bending down of the end of this tongue, I may leave an enlarged

slot or opening 6 at the end of the tongue so as to permit of the insertion of the point of a suitable instrument.

At the sides I provide other tongues such as 7, which when bent downward to the dotted position indicated in Fig. 3, will serve as anchorage devices for the biting block. After the basic impression is taken in the material 8, the tongue 5 may be bent or pushed partially back to place and act as a retainer for the biting block 9 as shown in Fig. 3.

It should be understood that I do not consider the invention limited to the employment of three lugs or tongues as indicated or as limited to the particular shape of the tongues. Although the drawing shows an upper impression, it should be understood that the invention is equally applicable for lowers as well, or for what are commonly termed partial trays.

I claim:

1. An impression tray formed of moldable sheet material and having one or more anchorage tongues partially cut from the material and adapted to be bent to serve as anchorage devices.

2. A metallic impression tray formed of moldable sheet material and having one or more anchorage tongues adapted to be adjusted with relation to the body of the tray by bending.

3. An impression tray formed of moldable material with a tongue having one end partially cut out, but normally lying in the plane of the body of the material and adapted to be bent therefrom, a space being provided between the bendable end of the tongue and the adjacent portion of the body of the tray to permit of the insertion of an instrument for bending said tongue.

SAMUEL GARFIELD SUPPLEE.