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F. T. MALLON.

MEANS FOR SECURING PORTRAITS AND OTHER TABLETS TO WALLS.

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Fig. 1.

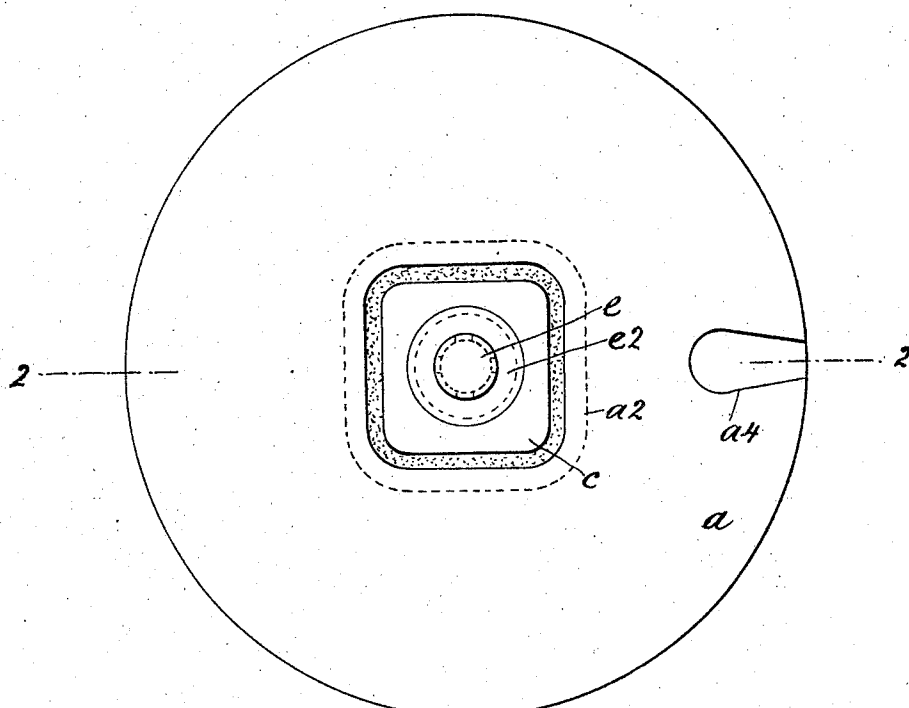
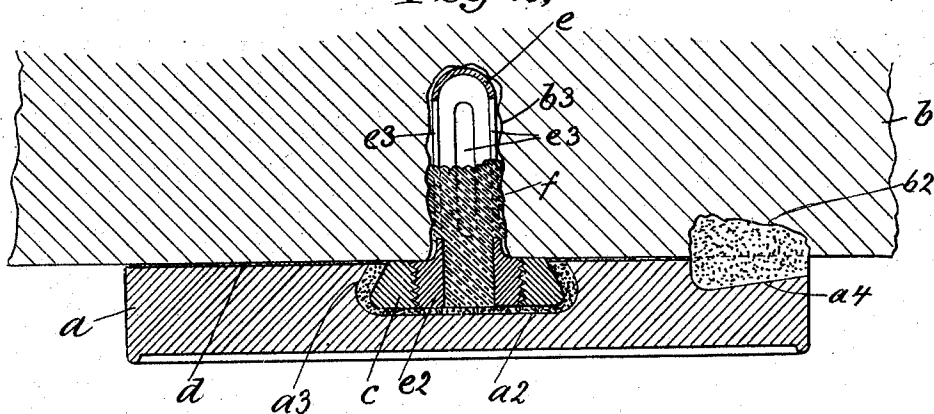


Fig. 2.



WITNESSES

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MEANS FOR SECURING PORTRAITS AND OTHER TABLETS TO WALLS.

No. 846,493.

Specification of Letters Patent.

Patented March 12, 1907.

Application filed April 9, 1906. Serial No. 310,777.

To all whom it may concern:

Be it known that I, FRANCIS T. MALLON, a citizen of the United States, and residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Means for Securing Portraits and other Tablets to Walls, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to means for securing portrait, emblem, or other tablets made of porcelain or similar material to walls or stones; and the object thereof is to provide improved securing means of this class whereby tablets made of stone, porcelain, or any similar material and of any desired shape and size may be conveniently and permanently secured to monuments, headstones, or wall-surfaces in vaults, mausoleums, or other buildings; and with this and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a back view of a tablet made according to my invention, and Fig. 2 a transverse section on the line 2 2 of Fig. 1 and showing the tablet secured to a stone or wall.

In the practice of my invention I provide a tablet a , composed of porcelain or any suitable material and which may be either circular, oval, or angular in form, and in the practice of my invention I form in the back of said tablet and centrally thereof a socket or recess a^2 , which is preferably angular in form and the walls of which are undercut, as shown at a^3 , the angles formed by undercutting said walls being preferably rounded, so as to give a maximum amount of strength to the porcelain or other material from which the tablet is formed. At the top or at one side of the tablet and in the back thereof is formed another socket or recess a^4 , which opens backwardly and also through the side wall of said tablet, and the angles of which are also preferably rounded.

I have shown at b a stone or part of a wall to which the tablet a is to be secured, and the

socket or recess a^4 in the back of the tablet a is the reverse or counterpart of a similar recess b^2 , formed in the stone or wall b , the walls of which are preferably roughly cut to form irregular surfaces. In the central socket or recess a^2 is secured a nut c of smaller dimensions than said socket or recess, but the walls of which are formed to correspond with the form of said socket or recess in cross-section, and said nut is secured in said recess by means of melted lead, cement, or any other suitable material, which is poured thereinto in a liquid state and allowed to set and become hard, and said nut is centered in the back of the tablet, and when secured in place is approximately flush with the back surface thereof; but in practice I prefer to so place the nut that the back face thereof will project slightly from the back face of the tablet in order to permit of a thin layer d of cement or other suitable material being placed between the back face of the tablet and the surface of the stone or wall b . In the stone or wall surface is drilled a socket b^3 , designed to receive a hollow key-plug e , having a threaded head e^2 adapted to be screwed into the nut c . The key-plug e is tubular in form and preferably provided in the sides thereof with longitudinal slots or openings e^3 , any desired number of which may be employed.

In practice the walls of the socket or recess b^3 in the stone or wall b are irregular or roughened, and in securing the key-plug in the stone or wall b melted lead, liquid cement, or any other suitable material is poured into the key-plug. This may be done by means of a funnel provided with a bent or angular discharge-spout, which is inserted into the outer end of the key-plug and through which the liquid lead, cement, or other material is passed, and when the said liquid lead, cement, or other material hardens or becomes set it fills the key-plug and also fills the socket or recess in which said key-plug is placed, as indicated at f in Fig. 2, and securely locks and holds the key-plug in the stone or wall b . After the key-plug has been secured in the stone or wall all that is necessary is to screw the tablet on the head a^2 thereof, as indicated in Fig. 2, and when this is done the sockets or recesses a^4 and b^2 in the tablet a and stone or wall b will register and form a single socket or recess, which is filled in with cement or other material which will set or become hard and form an addi-

tional lock for the tablet, said additional lock being designed especially to prevent the turning of said tablet on the stone or wall.

Any desired emblem, portrait, or inscription may be placed on the tablet *a*, and said tablet may be secured in place temporarily or permanently, and if the tablet is secured to the stone or wall *b* permanently the material used in the socket or recess formed by the
10 separate sockets or recesses *a*⁴ and *b*² will consist of lead or cement having stones or pebbles placed therein to prevent the same from being easily removed or drilled out.

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

1. The herein-described means for securing a tablet to a stone or wall, comprising a socket formed in the stone or wall and adapted
20 to receive a key-plug, a key-plug secured in said socket and provided with a threaded head, a nut secured in the back of the tablet and adapted to be screwed onto said head and means for preventing the turning of the
25 tablet.

2. The herein-described means for securing a tablet to a stone or wall, comprising a socket formed in the stone or wall and adapted

to receive a key-plug, a key-plug secured in said socket and provided with a threaded
30 head, and a nut secured in the back of the tablet and adapted to be screwed onto said head, said tablet being provided at one side and at the back thereof with a recess which
35 opens outwardly through the side thereof and the stone or wall with a corresponding recess adapted to register therewith, and said recess being adapted to receive cement or
40 similar material, substantially as shown and described.

3. A tablet adapted to be secured to a stone or wall, said tablet being provided with a nut which is secured in the back thereof
centrally thereof, and in the back thereof adjacent to one side thereof with a recess which
45 opens through said side and through the back thereof, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in
50 presence of the subscribing witnesses, this 7th day of April, 1906.

FRANCIS T. MALLON.

Witnesses:

C. J. KLEIN,

F. A. STEWART.