

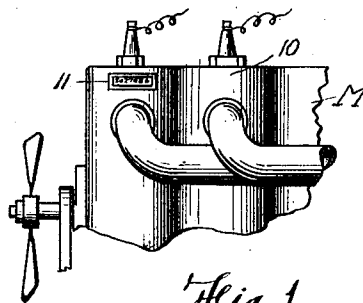
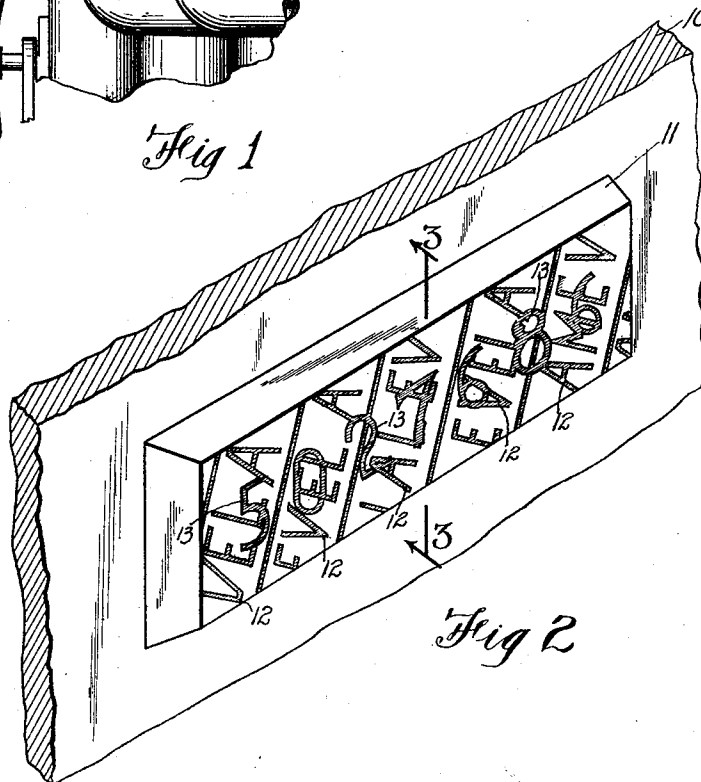
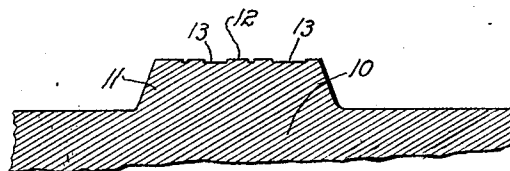
March 21, 1933.

E. J. SCHWANTES

1,901,989

METHOD OF AND MEANS FOR PROTECTING INSCRIPTIONS

Filed Jan. 18, 1932



INVENTOR
Everett J. Schwantes
Louis Greenberg
ATTORNEY

UNITED STATES PATENT OFFICE

EVERETT J. SCHWANTES, OF CHICAGO, ILLINOIS

METHOD OF AND MEANS FOR PROTECTING INSCRIPTIONS

Application filed January 18, 1932. Serial No. 587,390.

The invention relates to a method of and means for protecting numbers, legends, or the like against effacing.

More particularly, the invention is concerned with the protection of serial numbers of motors against effacing or alterations, and disclosing any surreptitious attempts so made.

It is an object of the invention to provide a novel method of and means for protecting inscriptions against effacing and to render such attempts visible.

It is a further object of the invention to provide a casing of a motor with a raised plate, and to provide the surface of such plate with uneven portions, and subsequently to stamp on such plate the required number so that the bottom of each of the grooves of the numerals is at a comparatively considerable distance from the outermost points of the raised portions on the plate.

A further object of the invention is to provide a method of this kind which consists generally in providing a surface having the desired inscription characters thereon with faces spaced to one side of the plane of said surface and then forming other characters in said surface by means of V shaped grooves that cut through portions of the faces of said inscription characters and into said surface, whereby attempts made to change said other characters are readily apparent and visible.

It is a further object of the invention to provide certain features of construction and design tending to enhance the reliability and effectiveness of the invention.

These and other equally important objects in view will become apparent from a perusal of the invention which comprises the means described in the following specification, particularly pointed out in the claims forming a part thereof, and illustrated in the accompanying drawing, in which:

Fig. 1 is a fragmentary elevational view of a combustion motor to which the invention has been applied.

Fig. 2 is an enlarged fragmentary perspective view of a motor casing equipped with a numbering plate constructed in accordance with my invention; and

Fig. 3 is a detailed section on the line 3—3 of Fig. 2.

Referring to the drawing M generally designates a motor whose casing 10 is equipped with a raised plate 11 which is of oblong form and may be cast integral with the casing wall. Also cast integral with the plate 11, and standing out from the surface thereof is a plurality of raised inscription characters which may be in the form of numerals or letters 12 arbitrarily distributed over the surface and having faces spaced from the plane of said surface. These characters, however, are sufficiently close together so as to be crossed by the numbers subsequently applied.

Other characters which may be numbers 13 are formed in said surface and as is obvious from Fig. 2 such other characters are superposed on the raised portions or letters 12.

As appears from Fig. 3 the characters 13 which are stamped in the surface of the portion 11 form grooves that cut through the raised portions 12 and extend into said surface where the bottom of each of the grooves is considerably lower than the outermost portions or faces of the characters or letters 12. Such grooves when made with a stamping die are of a V shaped cross section. Thus in order to efface or alter the numbers or other characters 13 damage must be done to the inscription characters as provided by the raised portions or letters 12, destroying thereby the neat appearance and the general impression of the inscription characters and this, of course, will make such alterations readily visible.

By this means a superficial glance of the plate will at once establish the fact that the number plate has been tampered with and thus renders visible any surreptitious attempt to change the numbers of the motor.

While the drawing discloses a preferred embodiment of the invention, the same is merely illustrated by way of explanation and not by way of limitation.

Innumerable changes, alterations, and revisions may be made within the purview of the invention.

I, therefore, do not wish to limit myself

to the details of construction or arrangement of parts, as shown, but claim my invention as broadly as the state of the art permits.

I claim:

5 1. The method of protecting inscriptions against effacing, which consists in providing a surface with inscription characters thereon having faces spaced to one side of the plane
10 of said surface and then forming other characters in said surface by means of grooves which cut into said surface and through the faces of said inscription characters.

2. The method of protecting inscriptions against effacing, which consists in providing
15 a surface with raised inscription characters thereon having faces arranged in a plane spaced outwardly from said surface and then forming other characters in said surface by means of grooves which cut through said
20 raised inscription characters and extend into a plane below said surface.

3. The method of protecting inscriptions against effacing, which consists in providing a surface with inscription characters thereon
25 having faces spaced to one side of the plane of said surface and then stamping other characters in said surface and which other characters are defined by V shaped grooves that cut through said surface and through portions
30 of the faces of said inscription characters.

4. The method of protecting inscriptions against effacing, which consists in providing a surface with raised inscription characters
35 thereon having faces arranged in a plane spaced outwardly from said surface and then stamping other characters in said surface and which other characters are defined by V shaped grooves that cut through the raised
40 inscription characters and through portions of said surface.

5. Means providing a surface having raised portions thereon and characters imposed upon
45 said surface and defined by grooves that extend through said raised portions and into and below said surface.

6. Means providing a surface having inscription characters thereon with faces spaced
50 to one side of the plane of said surface and other characters imposed upon said surface and inscription characters and formed by V shaped grooves that extend through portions of the faces of said inscription characters and extend into and below said surface.

7. A motor casing having a portion thereof provided with raised inscription characters thereon and having other characters
60 stamped thereon and defined by V shaped grooves that extend through said raised inscription characters and into and below said surface.

In witness whereof I affix my signature.

EVERETT J. SCHWANTES.