Nov. 13, 1962 J. J. MARCIN 3,063,199

MOUNTING FOR LETTERS

Filed Sept. 15, 1958

Fig. 1

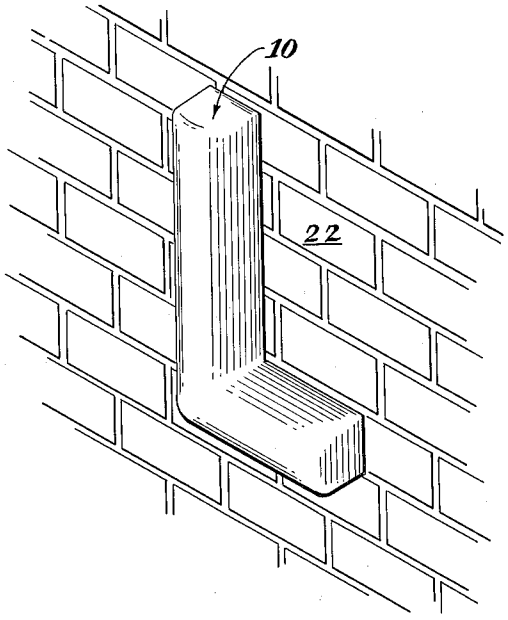


Fig. 2

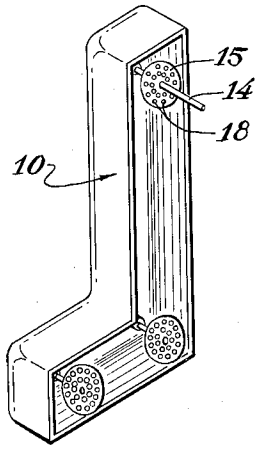
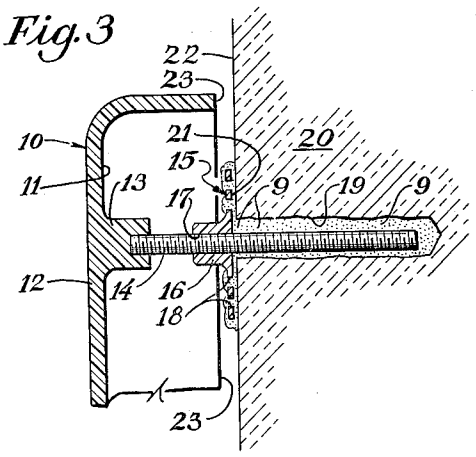


Fig. 3



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MOUNTING FOR LETTERS

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This invention relates generally to improved means embodying the use of adhesive for securing articles to a wall and, more particularly, to means of this type having supplementary supporting means for holding the wall-engaging surface of the article in contact with the wall surface while the adhesive is "setting."

A conventional method of securing articles, such as individual letters in a sign, to a wall embodies the use of mounting-pads fastened to the article and affixed to the wall surface by adhesive. However, it requires a rather lengthy period of time for the adhesive to set or harden sufficiently to secure the pad to the wall. During this interval the pad alone will not support the article and supplementary supporting means must be used.

The usual method for supporting the article during the setting period was to tape it to the wall. This method entailed the additional bothersome and time consuming steps of initially applying the tape and of then removing the tape once the adhesive had dried.

The present invention features a noval type of supplementary supporting means which eliminates the use of tape and which also serves as a permanent additional support for the mounted article. The supplementary supporting means embodied in the present invention comprises a stud or member extending through the wall engaging surface of a conventional mounting pad and securing the pad to an article. The stud is inserted into a hole bored into the interior of the wall. Insertion thereof is to a depth enabling the adhesive-bearing engaging surface of the pad to contact the wall surface. Adhesive is also applied to the interior of this hole. When the stud is so emplaced it supports the article and pad sufficiently to maintain the pad's engaging surface in contact with the wall, thus eliminating the need for tape. When the adhesive has set the mounted article is supported by the resultingly securely affixed stud as well as the securely affixed pad.

Therefore, a primary object of this invention is to provide means for mounting articles to a wall by the use of adhesive which means further embodies supplementary means for supporting the article during the time required for the adhesive to set.

An additional object of this invention is to provide mounting means of the type described in which the aforementioned supplementary supporting means serves to provide additional support of a relatively permanent nature once the adhesive has set.

Other objects and advantages are inherent in the structure claimed and disclosed or will become apparent to those skilled in the art from the following detailed description in connection with the accompanying drawings wherein:

FIG. 1 is a perspective view showing one letter of a sign mounted on a wall.

FIG. 2 is a perspective view of the rear of a letter showing mounting means embodied in the present invention.

FIG. 3 is a fragmentary vertical sectional view of a mounted letter showing mounting means featured in the present invention.

Referring to the figures, the numeral **10** indicates generally a letter of a type conventionally used in signs. Letter **10** is preferably molded of plastic with top, bottom, front and side walls, as shown in FIGS. 1 and 2, but with no rear wall (FIG. 2).

As seen in FIG. 3, projecting rearwardly (to the right in FIG. 3) from the rear surface **11** of the front wall **12** of letter **10** is a protruding portion **13** adapted to receive one end of a longitudinal threaded member or stud **14**. Screwed onto member **14** is a circular pad or disc **15** having a forwardly projecting hub portion **16** and an opening **17** extending therethrough for receiving member **14**. Radiating outwardly from the center of disc **15** are a series of spaced holes or perforations **18**. Disc **15** is positioned along member **14** so that when the rear surface **21** of disc **15** contacts the front surfaces **22** of a wall **20**, there is a clearance of not less than ⅛ inch between the rear edges **23** of letter **10** and front surface **22** of wall **20**.

In order to mount letter **10** onto a wall **20** a hole **19** must first be bored into the interior of wall **20**. Hole **19** must have a larger diameter than the diameter of member **14**, as illustrated in FIG. 3, for reasons to be subsequently noted. Adhesive **9** is then placed within hole **19** and onto rear surface **21** of disc **15**. The adhesive may be of the same type as was heretofore generally used by those skilled in the adhesive mounting art for affixing articles to wall surfaces. Member **14** is then inserted into hole **19** until rear surface **21** is against the front surface **22** of wall **20**. Letter **10** is then twistingly moved several times while a rearward, pushing pressure is simultaneously applied. As a result, adhesive **9** spreads evenly along back surface **21** of disc **15** and oozes through holes **18** therein. The aforementioned movement is possible because hole **19** has a diameter large enough to allow the free movement or play of member **14** therein. It is continued until only a thin film of adhesive remains between back surface **21** of disc **15** and front surface **22** of wall **20**.

When thus emplaced member **14** is held during the setting period of adhesive **9** against such movement within hole **19** as would be caused by the natural gravitational pull on letter **10** and the elements fastened thereto. Rear surface **21** of disc **15** is consequently able to maintain its engagement with front surface **22** of wall **20**, which in turn assures a substantially permanent engagement therebetween once adhesive **9** hardens. After a period of approximately 24 hours adhesive **9** is sufficiently hardened to securely affix disc **15** to wall **20** thus providing relatively permanent support for letter **10**. In addition the adhesive within hole **19** has also hardened, and, as a result, member **14** provides additional permanent support to letter **10**.

The embodiment depicted in the figures has a member or stud protruding from but one mounting pad. It should be understood that the number of studs used depends upon how many are necessary to support the weight of the letter or other article to be mounted.

It is to be further understood that the specific embodiment of the invention shown in the drawings and described above is merely illustrative of several of the many forms which the invention may take in practice and is not to be construed as limiting the scope of the invention as defined in the appended claim which is to be interpreted as broadly as possible in view of the prior art.

I claim:

Mounting means for removably securing objects to a wall by adhesive means, said wall having an adhesive containing recess extending inwardly from its surface, said mounting means comprising: engaging means having at least one planar surface, said planar surface having perforations for bearing adhesive material to enable said engaging means to firmly engage said wall when said adhesive material sets, said engaging means having a threaded portion, a longitudinal threaded member having a first and second end portion, said first end portion

threadedly engaging said object to be mounted, said engaging means being threaded on to said longitudinal threaded member and being disposed between said first and second end portions, said engaging means being positioned to have said planar surface make contact with said wall surface, said planar surface being transverse with respect to said longitudinal threaded member, said second end portion being inserted in said adhesive containing wall recess when said planar surface engages the wall surface whereby said engagement between said surfaces is maintained by said second end portion when said adhesive on said planar surface is setting.

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