Oct. 30, 1928. 1,689,315

R. C. YAGER

ILLUMINATED HOUSE NUMBER DEVICE

Filed May 21, 1928

Fig. 1.

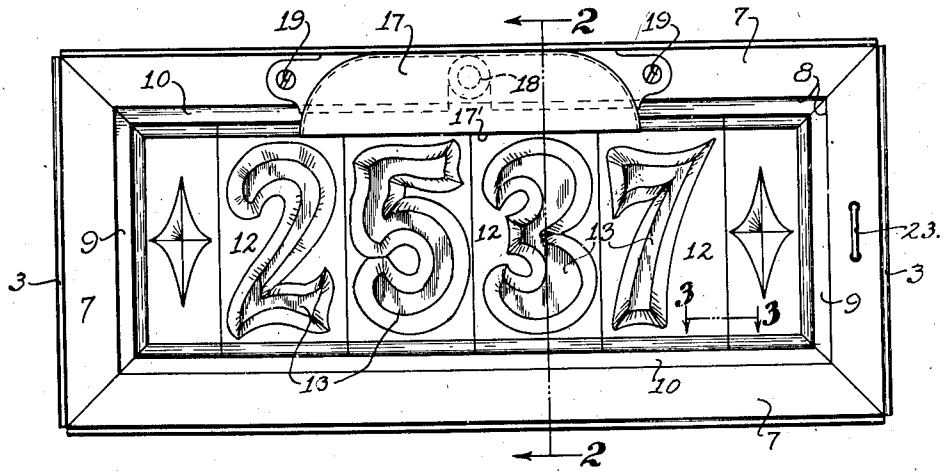


Fig. 2.

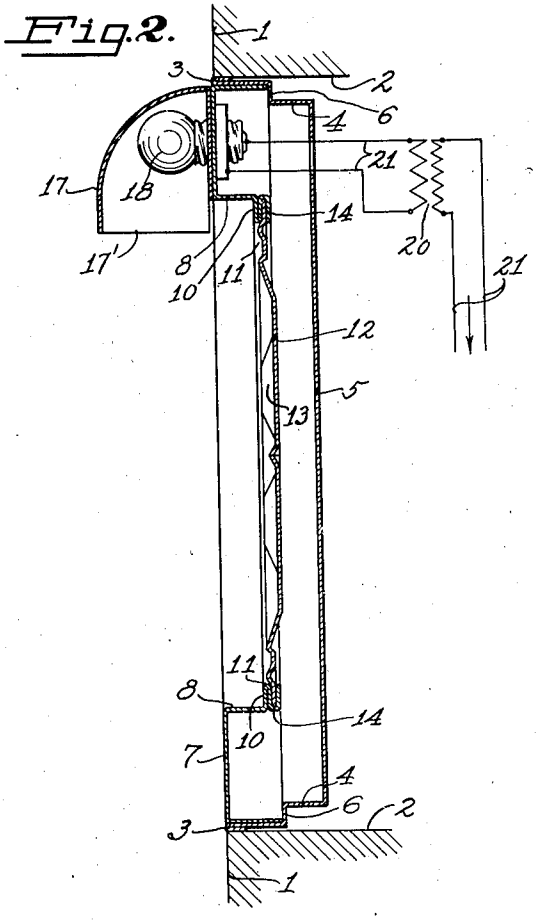
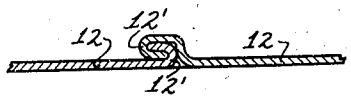


Fig. 3.



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Patented Oct. 30, 1928. 1,689,315

UNITED STATES PATENT OFFICE.

RALPH C. YAGER, OF OAKLAND, CALIFORNIA, ASSIGNOR TO YAGER SHEET METAL CO., OF OAKLAND, CALIFORNIA, A COPARTNERSHIP CONSISTING OF ISABELLE YAGER, GEORGE L. YAGER, AND RALPH C. YAGER.

ILLUMINATED HOUSE-NUMBER DEVICE.

Application filed May 21, 1928. Serial No. 279,436.

The present invention relates to an improved illuminated house number device.

The invention has for its objects to provide a structure which is inexpensive to manufacture, and one which may be readily secured in position; to provide a means for illuminating the plate so that the light will be directed upon the face of the plate to render the number fully visible at night; to provide a structure in which the numbers may be changed with the least effort.

With the above mentioned and other objects in view, the invention consists in the novel construction and combination of parts hereinafter described, illustrated in the accompanying drawings, and set forth in the claim hereto appended, it being understood that various changes in the form, proportion, size and minor details of construction within the scope of the claim may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Reference is directed to the accompanying drawing wherein;—

Figure 1 is a view in front elevation of the invention in its assembled position.

Figure 2 is a sectional view showing the construction of the device taken on line 2—2 of Figure 1.

Figure 3 is a sectional view of the number plates showing the plate interlocking means.

In the drawings, wherein like characters of reference designate corresponding parts, 1 indicates the wall of a building having an opening 2, within which is positioned an open faced housing 3 having side and rear walls 4 and 5, the side walls being flanged as at 6 forming a stop for the frame hereinafter described. Removably positioned within the housing 3 through its front opening and adapted to rest against the flanged stop 6 is an open number carrying frame 7, the face of which is flanged as at 8 producing top and bottom and end walls indicated at 9 and 10. Opposing portions of the top and bottom walls 10 of frame opening 11 are bent producing oppositely facing longitudinal open ended grooves 14. Number bearing plates 12 are adapted for longitudinal sliding movement in the frame opening 11 with their upper and lower edges received in grooves 14. The longitudinal side edges 12′ of plates 12 are bent, as shown in Figure 3, for detachable interlocking engagement with each other producing a built up structure. The numerals 13 on the respective plates are preferably stamped or impressed thereon, and it is desirable that they form an integral part of their respective plates.

The frame 7 carries a light deflecting hood 17 downwardly and outwardly curved forming a reflector, having an open bottom 17′, for directing the light rays from the electric lamb 18, mounted within the member 17, upon the numerals 13. Screws 19, or other suitable means, are employed for mounting the member 17 on the frame 7. Electricity is supplied through wires 21 to the lamp 18, the current being 110 volts stepped down by transformer 20.

To enable the frame 7 to be easily removed from the housing 3 when it is desired to change the numbers, a loop or hand-piece 23 is telescopically mounted in one end of the frame 7, as shown in Figure 1.

I claim:—

A device for the described purpose comprising a housing having an open front and a stop wall therein, an open frame removably positioned within the housing through its open front, its insertion thereinto being limited by said stop wall, the top and bottom edges of said frame opening being bent to provide opposing open ended number plate securing grooves, a plurality of detachably interlocked number plates slidably positioned endwise within said grooves with the faces of said plates exposed through the frame opening, a deflecting hood carried by the frame, an electric lamp beneath the hood, said hood having an open bottom through which opening the light rays from said lamp are directed upon the faces of said number plates.

In testimony whereof I have signed my name to this specification.

RALPH C. YAGER.