

F. D. OGDEN, DEC'D.
J. E. OGDEN, ADMINISTRATOR.
EYELET.
APPLICATION FILED JULY 14, 1910.

985,761.

Patented Feb. 23, 1911.

Fig. 1,

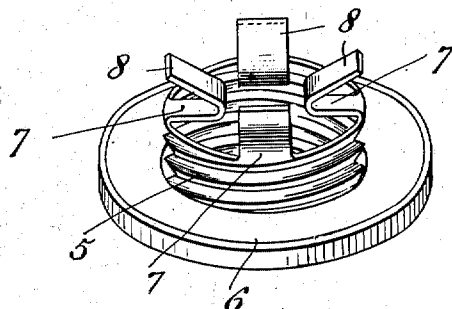


Fig. 2,

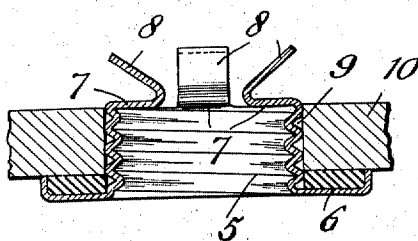
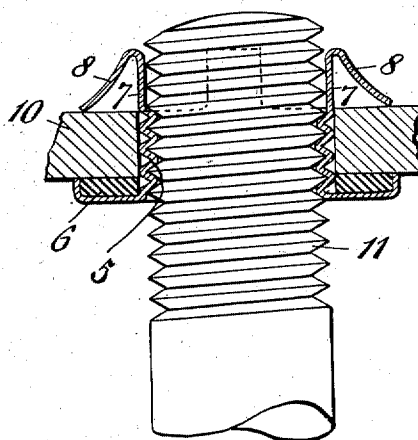


Fig. 3,



WITNESSES:

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UNITED STATES PATENT OFFICE.

FREDRIC D. OGDEN, DECEASED, LATE OF BAYONNE, NEW JERSEY; JOHN EDWARD OGDEN, ADMINISTRATOR.

EYELET.

985,761.

Specification of Letters Patent.

Patented Feb. 28, 1911.

Application filed July 14, 1910. Serial No. 571,904.

To all whom it may concern:

Be it known that FREDRIC D. OGDEN, deceased, formerly a citizen of the United States and a resident of the city of Bayonne, county of Hudson, and State of New Jersey, did, prior to his decease, invent certain new and useful Improvements in Eyelets, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

The main object of the present invention is to provide a simple form of eyelet which may be secured in position from one side of the structure to which it is to be attached so that it may be employed in connection with structures to which access can be had at one side only.

To the foregoing end the invention consists in an eyelet comprising a body portion and a head at one end, the opposite end thereof having clamping elements provided with portions which project inward into the path of a bolt or spindle to be inserted therein, the said clamping elements being adapted to be forced outward by engagement with said bolt or spindle and provided with portions which, when they are so forced outward, will engage the rear face of the structure to which the eyelet is to be applied and so clamp the eyelet in position.

In order that the invention may be thoroughly understood, I will now proceed to describe an embodiment thereof, having reference to the accompanying drawings illustrating the same, and will then point out the novel features in claims.

In the drawings: Figure 1 is a view in perspective of an eyelet constructed in accordance with the invention. Fig. 2 is a longitudinal sectional view of the same in the act of being applied in use. Fig. 3 is a sectional view similar to Fig. 2, showing the same after it has been applied.

The eyelet comprises a tubular body portion 5, a head or flange 6 disposed at one end thereof, and clamping tongues 7 at the opposite end thereof. The body portion is preferably interiorly threaded and as a matter of convenience in manufacture substantially the entire body portion may be cor-

rugated helically to form such screw threads. The tongues 7 at the inner end of the said eyelet are conveniently formed as extensions of the said body portion and are bent inward so that they will be disposed directly in the path of a bolt or stem when inserted in the said eyelet. These tongues are further provided with outwardly projecting extremities 8 of convenient form.

When it is desired to attach the eyelet in position the end having the tongues is inserted through an opening in the part to which it is to be fitted, as, for instance, in the opening 9 in the element 10 shown in Figs. 2 and 3, and a bolt or spindle 11 is then inserted into the said eyelet. In Fig. 3 this bolt is shown as fitted to the internal screw threads of the eyelet and as the bolt is screwed up into the eyelet it will be apparent that the end thereof will engage the inwardly projecting tongues 7. As the bolt is screwed farther in it will force these tongues outward until finally they reach the position shown in Fig. 3 wherein the outwardly turned extremities 8 will engage the rear face of the element 10 whereby to clamp the eyelet securely in position. The bolt 11 may now be removed or the said bolt may be employed for clamping some article to the element 10, the eyelet then acting as a nut for the bolt 11 which in turn acts as a clamping or holding bolt in a manner well understood.

An eyelet of this description is particularly adapted for use in conjunction with sheet metal ceilings, window frames, sashes, doors, and in fact all types of sheet metal work, either as an eyelet proper or as constituting, when it is secured in position, a nut for receiving a bolt.

What is claimed is:

1. An eyelet comprising a hollow internally screw threaded tubular body provided with a head at one end and at the other end with inwardly extending clamping tongues, the extremities of which are outwardly turned.

2. The combination with an eyelet comprising a hollow internally screw threaded tubular body provided with a head at one

end, of a screw threaded bolt fitted thereto, the said body portion of the eyelet being provided at the end thereof opposite the end having the head with extensions which
5 project inward into the path of the bolt whereby they will be engaged by the end of the said bolt as the bolt is screwed into the eyelet, the said clamping portions having outwardly turned extremities so that as the

bolt engages them they will be forced out- 10
ward to clamp the eyelet into position.

JOHN EDWARD OGDEN,
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Witnesses:

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