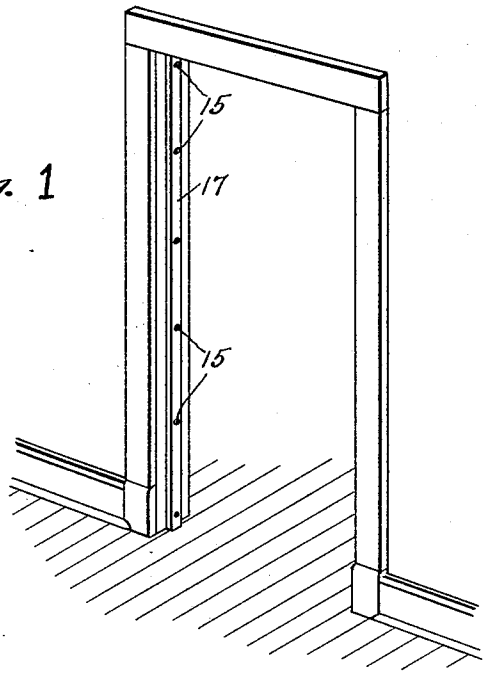
June 28, 1932. I. A. BAUM 1,864,577

DOORSTOP

Filed Dec. 3, 1928

Fig. 1



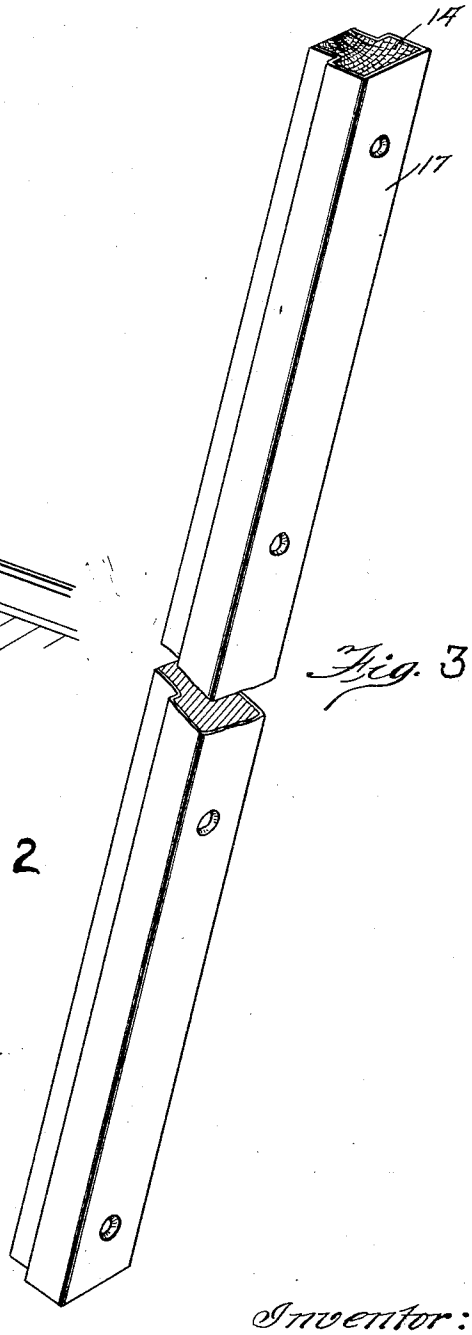


Fig. 3

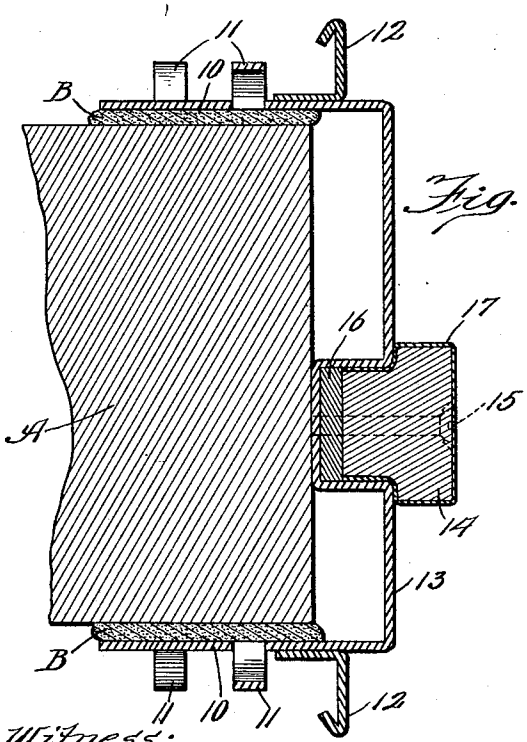


Fig. 2

Witness:

Inventor:
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Patented June 28, 1932 1,864,577

UNITED STATES PATENT OFFICE

ISAAC A. BAUM, OF CHICAGO, ILLINOIS

DOORSTOP

Application filed December 3, 1928. Serial No. 323,364.

My invention relates to building construction, and more particularly to a new and novel door stop as applied to door frames.

With the gradual increase in the use by the trade of metal frames for openings, the use of metal doors has likewise increased.

However, it has been found that a metal door closing upon an outstanding metal door stop will produce considerable noise, and will in time become very annoying to those occupied in close proximity to the door.

A number of expedients have been devised to overcome this objection to the use of metal door frames, all more or less efficient for the purpose intended.

An object of my invention is to provide a metal door frame having in association therewith a wood or other non-metal door stop extending the length of the door opening. By the use of the metal frame members, all of the advantages of a complete metal fabrication are secured, and with the utilization of a non-metal door stop, the annoyance of the metal to metal sound of a metal door closing upon a metal stop is eliminated. The same advantageous result is secured where a wood stop is employed, the outer surface being covered with a very thin sheath of metal; in fact, such a construction has advantages so far as appearance and permanency are concerned without the disadvantage of noise development.

A further object of the device of my invention is to provide a nonmetal door stop that is secured to the frame in such a manner as to permit the greatest force to be exerted upon it without the possibility of damage to the stop. In addition, the door stop of my invention will insure absolute privacy in a room, because of the avoidance of the possibility of any light passing through between the stop and the frame member.

The invention will be more readily understood by reference to the accompanying drawing, in which

Fig. 1 is a perspective view of a door frame construction such as contemplated by me;

Fig. 2 is a horizontal sectional view, slightly enlarged, showing the form of the frame member and stop, and

Fig. 3 is a perspective view of the door stop.

By reference to the accompanying drawing, it will be seen that I have shown a wall A and mortar B with the metal door frame 10, having anchors 11 and plaster defining and terminal portions 12, the specific details of which have been disclosed in prior copending applications.

In forming the frame 10, the face 13 thereof is indented to provide a channel the length of the frame member 10 for the reception of the door stop 14 therein. The door stop is of substantially T-shape, the narrow portion of which is adapted to be received within the channel, and the inside faces of the wide portion are adapted to contact the face 13 of the frame to insure a bracing against all blows against the door contacting face thereof.

The door stop 14 is secured to the frame member 10 by a screw 15 or other suitable means passing through the stop. The gauge of the metal of which the frame member 10 is composed is too light to permit the threading thereof for the reception of the screw 15 and the metal strip 16 is provided which extends the length of the channel and is secured to the web thereof.

It is intended that the complete door frame and stop will be fabricated at the shop and no labor need be expended on the device by the workmen on the job.

If it is desired to give the entire framing a metallic appearance, the T-shaped door stop may be covered with a light gauge of metal 17 as shown, and the objectionable features heretofore mentioned will be eliminated as perfectly as if the entire stop was non-metallic.

Obviously modifications and variations may be made in the device herein illustrated and disclosed, and I do not wish to be limited except as indicated in the appended claims.

I claim:

1. In door frame construction, the combination of a metal jamb having a continuous channel in the face thereof, a reinforcement secured in the bottom of said channel and extending the length thereof, a T-shaped

door stop the body of which is composed of wood and covered with a sheathing of metal, the leg of said door stop being adapted to be received within said channel, and the inner faces of the head of said door stop contacting the frame member adjacent to said channel.

2. In door frame construction, the combination of a metal jamb having a continuous channel in the face thereof, a reinforcement secured in the bottom of said channel and extending the length thereof, a T-shaped door stop, the body of which is composed of wood and covered with a sheathing of metal, the leg of said door stop being adapted to be received within said channel, the inner faces of the head of said door stop contacting the frame member adjacent to said channel, and screw means passing through said stop and reinforcement for joining said stop to said frame.

In testimony whereof I have affixed my signature.

ISAAC A. BAUM.