

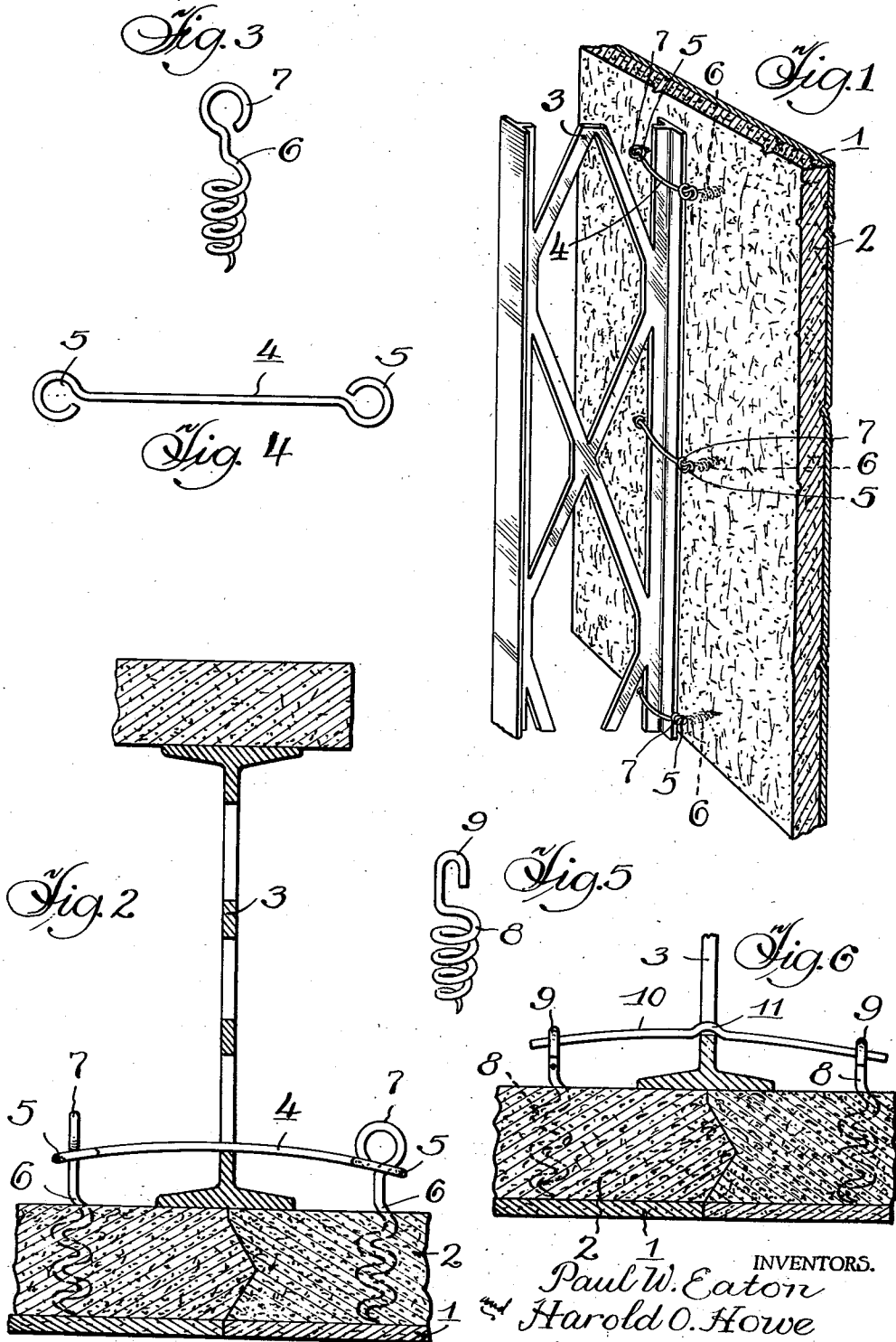
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FASTENING MEANS FOR ATTACHING INSULATED SHEATHING

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FASTENING MEANS FOR ATTACHING
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2 Claims. (Cl. 72—118)

The present invention relates to fastening devices for attaching and securing insulated sheathing to studs or other suitable means of support.

Among the objects of the present invention is to provide means for attaching the sheathing to the studding or support from the inside of the building in such a manner that no attaching means are visible from the exterior of the building.

Another object is to hold the sheathing against the studding under slightly yielding tension and thereby allowing for expansion and contraction, settling of the building, etc.

A further object is to provide a more economical and durable means of attaching sheathing panels to the studding or other support in the erection of the modern low cost building.

Further objects are to provide a construction of maximum simplicity, efficiency, economy, ease of assembly and operation and such further objects, advantages and capabilities as will later more fully appear and are inherently possessed thereby.

The invention further resides in the combination, construction and arrangement of parts illustrated in the accompanying drawing and while we have shown therein a preferred embodiment it is to be understood that the same is susceptible to modification and change without departing from the spirit of our invention.

In the drawing:

Fig. 1 is a fragmentary perspective view of a portion of a wall and studding member with the fastening means in place.

Fig. 2 is a cross sectional view showing more clearly the insertion and application of the fastening means.

Fig. 3 is a view of one of the spiral or corkscrew members of the fastening means.

Fig. 4 is a view of the clip bridging the two spiral or corkscrew members.

Fig. 5 is a modified form of one of the spiral or corkscrew members of the fastening means.

Fig. 6 is a fragmentary cross sectional view showing the application of the modified form of fastening means.

Referring more particularly to the disclosure in the drawing Fig. 1 shows a panel of sheathing 1 of hard fireproof material. This may be asbestos cement or other suitable material and is very rigid and highly compressed with little porosity. On one side of the outer sheathing 1 is a layer of insulating material 2, attached to

the sheathing 1 by waterproof glue and weather-proof mastic. This sheathing and insulating material are manufactured by a number of companies and may be secured in the market.

The panel of sheathing and insulating material are placed against a studding 3 with the insulating material on the inside.

Our preferred form of attaching means comprises a clip 4 having eyelets 5 at each end. This clip 4 is placed through a portion of the studding 3. Thereupon corkscrew member 6, provided with a head 7 longer than the eyelet 5, is inserted through eyelet 5 of the clip and then screwed into the insulating material 2 until the clip is under yielding tension and has bent as shown in Figs. 1 and 2.

We have shown in Figs. 5 and 6 a modified form of clip and corkscrew. The modified form of corkscrew 8 has a bent head 9. When using this modified form the corkscrews 8 are screwed in place on opposite sides of the studding 3 and the clip 10 is then forced into holding engagement with the hooked portion of the head 9, as shown in Fig. 6.

In order to center the clip at the studding a bend 11 is provided which prevents the clip from sliding in its tensional engagement with the head 9 of the corkscrews.

Experiments and tests have been shown that with this invention the sheathing is held more securely than by other methods, such as nailing to the studding and provides against cracking and other unsatisfactory results of settling of the building.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is—

1. Fastening means for securing panels to studding or other support comprising a yieldable clip adapted to engage the studding at a point intermediate the ends of the clip, and helical members adapted to detachably engage the opposite ends of the clip in adjustable relation thereto and secured to said panels.

2. Means for holding sheathing panels to stud supports under yieldable tension comprising a spring wire clip adapted to engage a portion of the stud supports and a pair of helical members adapted to be screwed into a portion of the sheathing panels and yieldingly attached to the ends of said clips.

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