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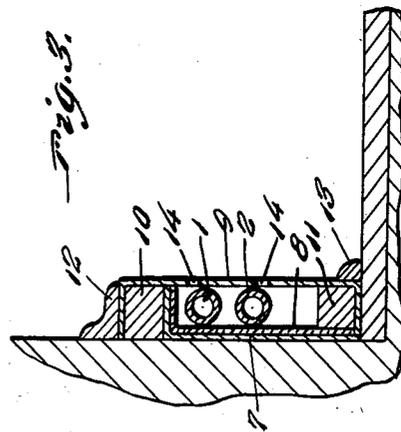
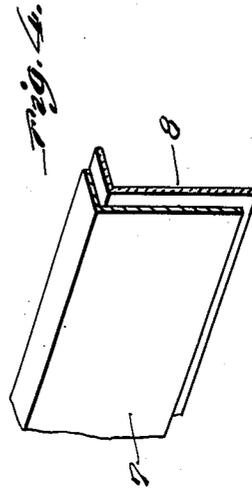
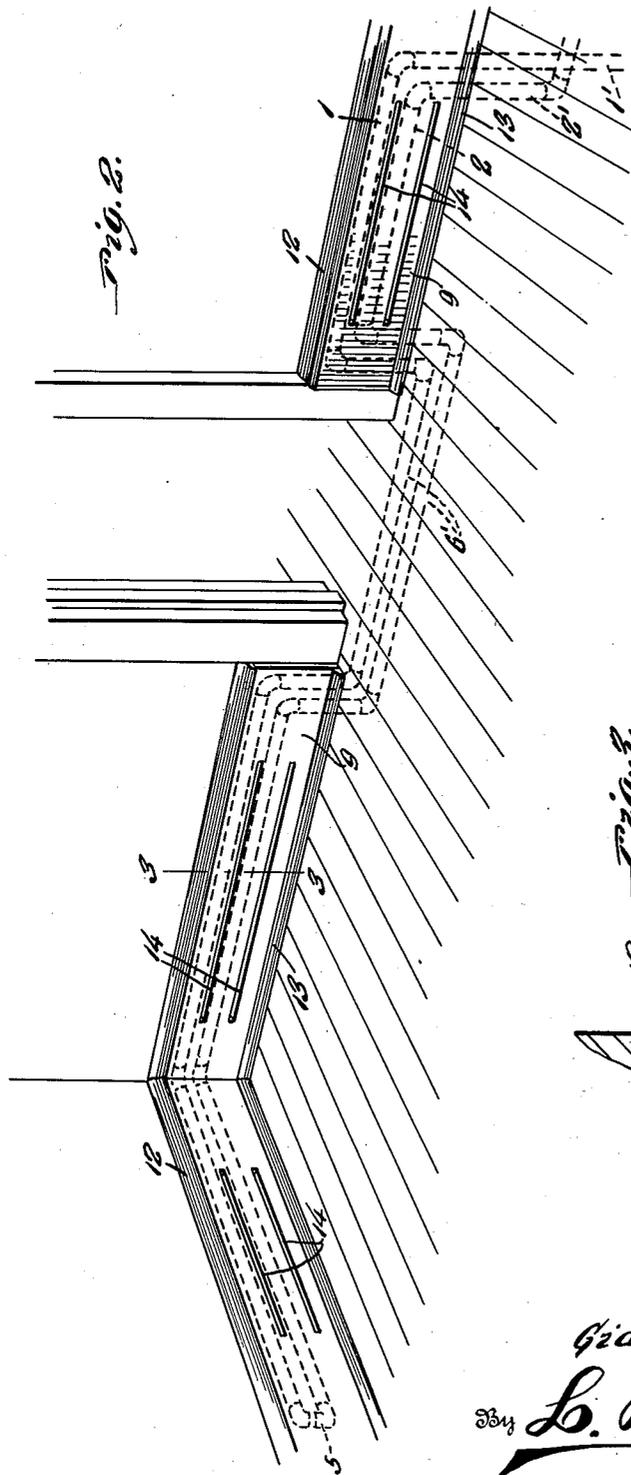
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2,269,578

HEATING SYSTEM

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2 Sheets-Sheet 2



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2,269,578

HEATING SYSTEM

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1 Claim. (Cl. 257—133)

This invention relates to a heating system, the general object of the invention being to eliminate radiators and their attendant disadvantages by running pipes around the building or room adjacent the base board and connecting the pipes to a heating plant and providing covering means for the pipes to hide them from view.

The invention also consists in certain other features of construction, combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing the invention in detail reference will be had to the accompanying drawings wherein like character denote like or corresponding parts throughout the several views, and in which:

Fig. 1 is a perspective view showing how the pipes are arranged on the studding of a building and before the walls are erected.

Fig. 2 is a similar view but showing the room or interior of the building completed and with the covering means for the pipes in place.

Fig. 3 is a section on line 3—3 of Fig. 2.

Fig. 4 is a fragmentary view of the inner members of the covering means.

Fig. 5 is a view of the outer means or channel member.

As shown in these views, pipes 1 and 2 are passed around parts of the walls of a building or room to be heated, these pipes being composed of sections connected together by couplings and elbows and they are attached to the studding 3 by the clips 4, preferably each clip engaging parts of both pipes. The pipe 1 is connected by a part 1' to a heating plant with the hot water or steam passing upwardly into the pipe. The pipe 2 is connected to the return pipe 2' of the plant and the two pipes are connected together at points remote from the plant, as shown at 5.

Where it is desired that the pipes not pass along the wall, the pipes are carried under the floor as shown at 6. These parts 6 are connected to the main portions of the pipes by the vertical parts 6', which pass through holes in the flooring. This is desirable at doors, as shown in the drawings, and where closets, etc., are arranged.

The pipes are enclosed in a casing, which is composed of the asbestos strip 7, the metal strip 8 and the channel strip 9, strips 8 and 9 being preferably of aluminum. Where the pipes 1 and 2 have been installed in buildings prior to installing the casing as shown in Fig. 1 those clips 4 in the way of that section of the casing to be installed are removed whereupon the asbestos and metal strips 7 and 8 are slipped against

the studding behind the pipes subsequent to which the asbestos strip 7 is nailed to the studding in the rear of the pipes and the strip 8 is nailed in place and covers the strip 7 following which operation the clips are replaced against the pipes. The edges of the strips 7 and 8 contact the floor and have their upper edges bent at right angles outwardly and placed under a bar 10 of wood. The channel strip 9 has one flange nailed to the floor and a bar 11 of wood is seated on the top of the flange. The top part of the channel strip fits over the bar 10, as shown in Figure 3 and the parts are suitably fastened in place by nails or the like. A mold strip 12 is placed on top of the flange of the strip 9 and a mold strip 13 is placed on the floor at the lower edge of the strip 9. Slots 14 are formed in the channel strip for the entrance and escape of air into and from the casing.

Thus it will be seen that I have provided a heating arrangement of pipes that is very inexpensive and the parts are hidden from view by a casing which takes the appearance of a base board.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction, combination and arrangement of the several parts, provided such changes fall within the scope of the appended claim.

What I claim and desire to protect by Letters Patent is:

A heating system for a building comprising flow and return pipe lines, means for connecting the lines to a source of heated fluid, means for connecting the lines together at a point remote from the source, means for connecting the lines to the inner surfaces of the studding of the building and a casing enclosing the lines and forming a base board said casing including a strip of non-conducting material extending upwardly from the floor back of the fluid lines and having its upper edge turned outwardly at right angles, a metal strip extending upwardly from the floor in rear of the lines and contacting the outer face of the first strip, and having its upper edge turned outwardly at right angles and under the upper edge of the first strip, a channel shaped strip having its lower flange extending inwardly and engaging the lower edges of the first strips, a bar resting on said lower flange, a top bar resting on the upper turned edge of the first strip and upon which the upper flange of the channel strip rests, the bight of the channel strip having openings therein, and a moulding strip on the top flange of the channel strip.

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