

Oct. 28, 1952

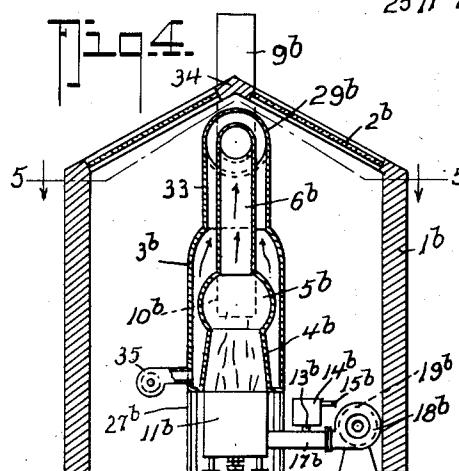
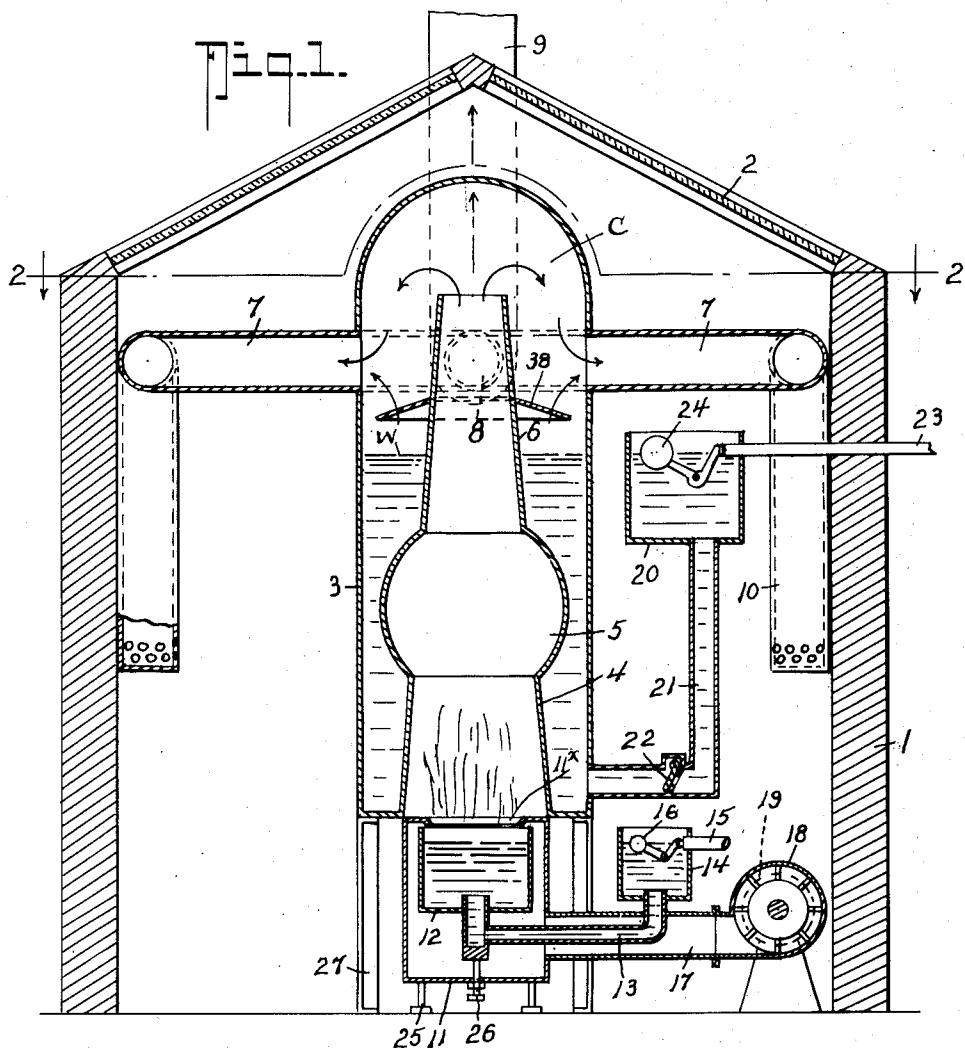
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2,615,635

HOTHOUSE, HOTBED, AND DOMESTIC HEATING SYSTEM

Filed Nov. 15, 1948

3 Sheets-Sheet 1



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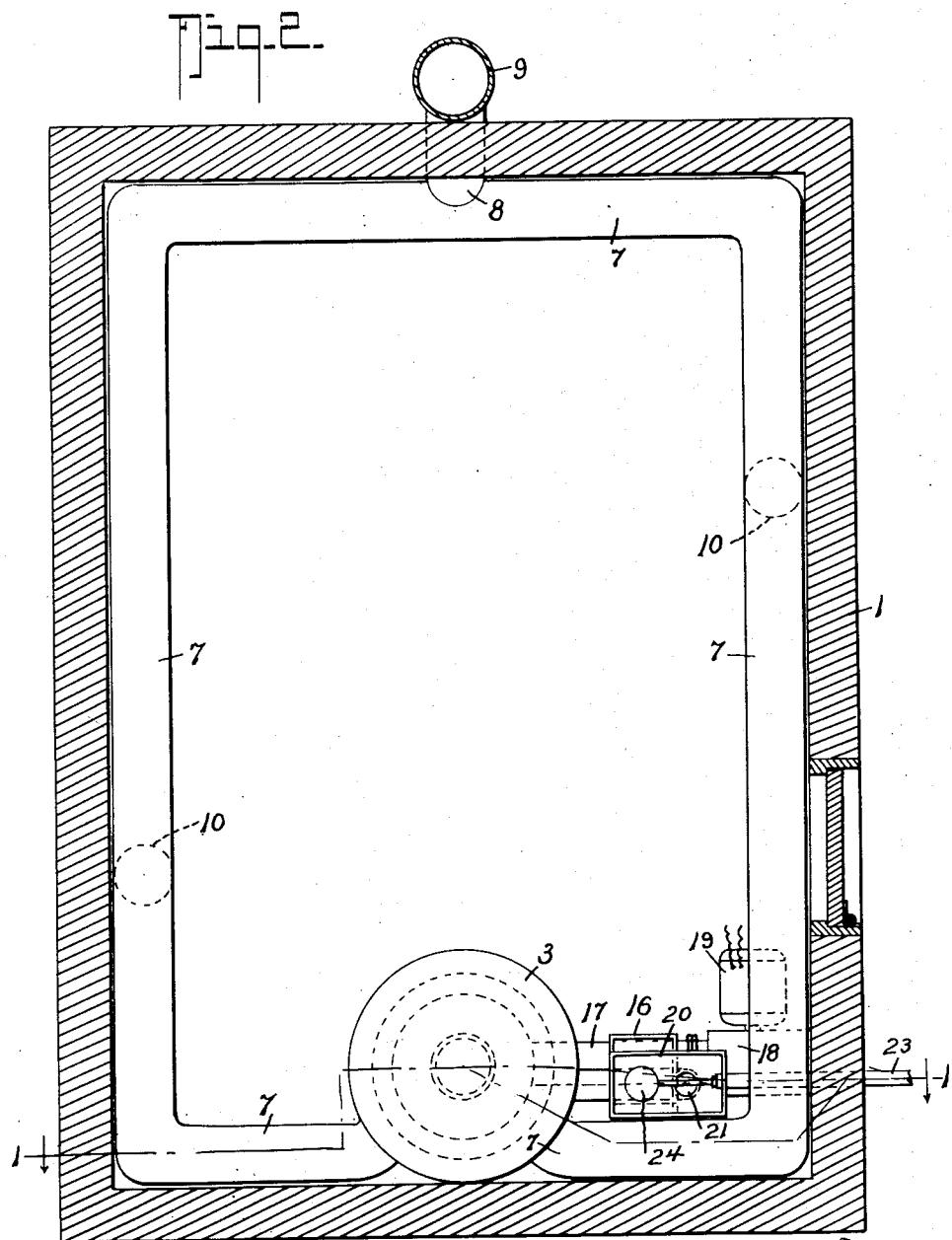
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HOTHOUSE, HOTBED, AND DOMESTIC HEATING SYSTEM

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3 Sheets-Sheet 2



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HOTHOUSE, HOTBED, AND DOMESTIC HEATING SYSTEM

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3 Sheets-Sheet 3

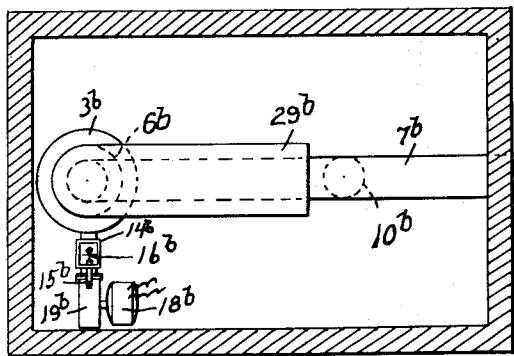
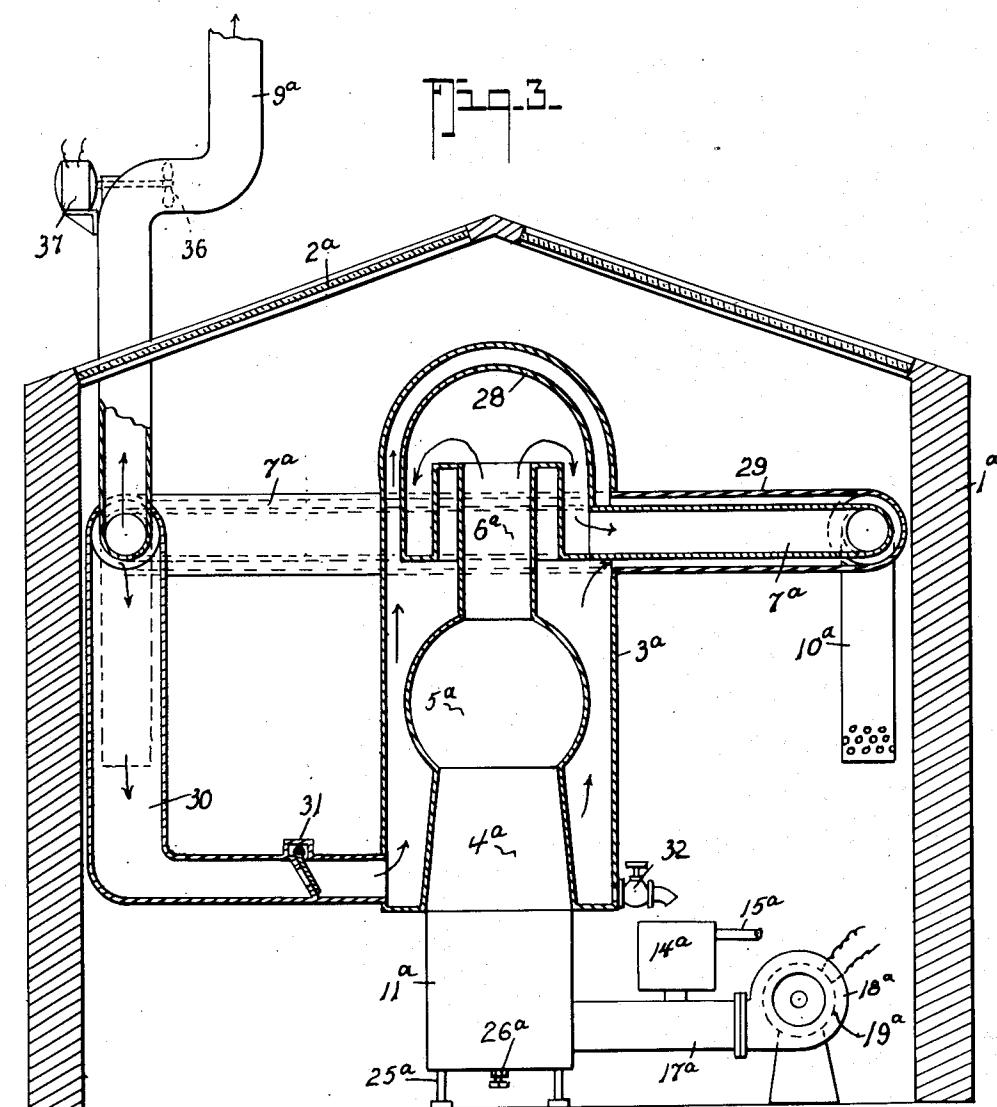


FIG. 5.

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least enclosed in a larger pipe 29^b that is connected to the upper end of the shell extension 33. The pipe 29^b is open at its end to discharge warm air into the hot house at the desired place. The pipes 29^b and 7^b in this embodiment may lie adjacent the peak 34 of the top of the hot house instead of running around the sides and end of the same as in the preceding figures.

A blower 35 may be provided to regulate the air inlet to shell 3^b, see Fig. 4.

In Figs. 4 and 5 those parts which correspond to like parts in the preceding figure bear the same reference number plus the index letter *b* and need not be re-described here.

A suction blower driven by a suitable motor may be provided in the stack connections (as for example, see illustration of blower 36 and motor 37 in Fig. 3) to induce forced draft where natural draft is insufficient. Such method of creating forced draft being well known in the art, I make no claim thereto per se.

In this application I make no claim to the oil burner per se shown and described as that constitutes the subject matter of my application Serial No. 2,287, filed January 14, 1948.

From the foregoing description, taken in connection with the accompanying drawings, it is thought that the construction, operation and advantages of the invention will readily appear to those skilled in the art.

What I claim is:

In a heating system for a hot house, the combination of a walled building and a hot water

furnace having a boiler and firebox, a pipe connected to the firebox for conveying the products of combustion extending in a horizontal plane about the walls of said building, a stack connected to said pipe for conducting the products of combustion to atmosphere, a hot water pipe surrounding said first mentioned pipe, said hot water pipe having the ends thereof connected to said boiler, and cold air pipes connected to 10 said first mentioned pipe and extending downwardly therefrom in parallelism to said boiler, said cold air pipes being open at their lower ends for conducting cold air to said first mentioned pipe.

JOSEPH TREUNCH NORMAN.

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