Feb. 22, 1949. L. C. GOODWIN 2,462,383

TRAILER CHIMNEY

Filed Sept. 13, 1944

Fig. 1

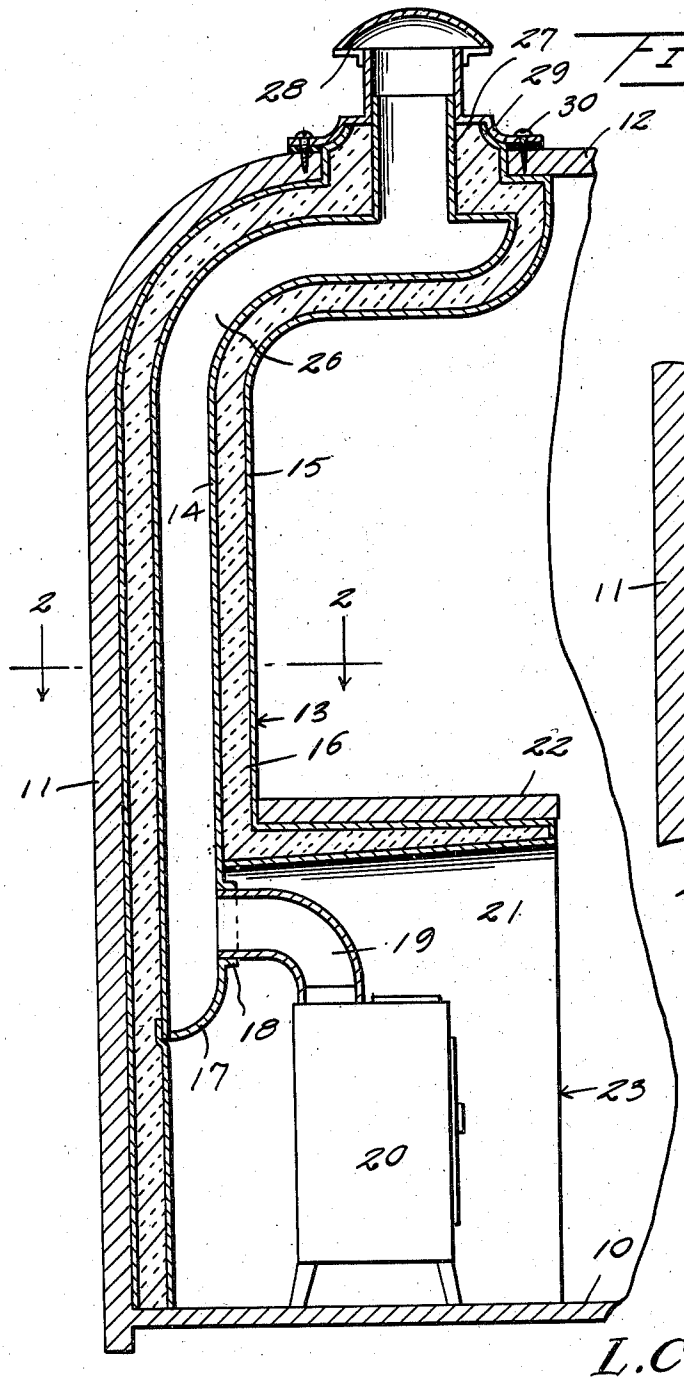
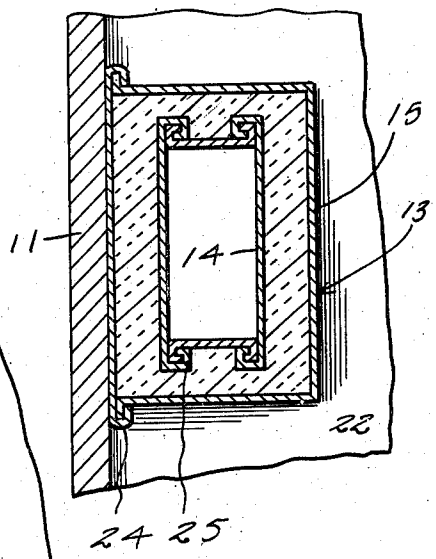


Fig. 2



Inventor

L. C. Goodwin

By L. F. Randolph

Attorney

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TRAILER CHIMNEY

Lester C. Goodwin, Hornell, N. Y.

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2 Claims. (Cl. 126—56)

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This invention relates to a chimney construction for trailers.

It is particularly aimed to provide the novel construction which may be built into the trailer without detracting from the interior appearance thereof and which as a matter of fact will enhance its attractiveness and be less conspicuous and may be ornamented or finished in harmony with the interior.

It is also aimed to provide a structure wherein a work space may be afforded adjacent to the chimney and from which it leads, so arranged and concealed as to avoid burning one contacting the parts of the chimney, and also provide a chimney which will not discolor paint or the adjacent ornamental finish.

More specific objects and advantages will become apparent upon a consideration of the description following taken in connection with the accompanying drawings illustrating an operative embodiment.

In said drawings:

Figure 1 is a view through a portion of a trailer, illustrating my improved chimney, the section being fragmentary and taken longitudinally and vertically and

Figure 2 is a cross sectional view taken on the line 2—2 of Figure 1.

Referring specifically to the drawings wherein like reference characters designate like or similar parts, the floor of a conventional trailer is shown at 10 from which the rear wall 11 rises to a roof at 12. My improved chimney construction as a whole is designated 13 and it is generally finished and shaped so as to be ornamental and form an attractive addition to the interior of the trailer. The chimney is preferably made of suitably shaped inner and outer walls at 14 and 15, which are secured together and filled with any appropriate insulation 16, preferably of a character which is fireproof, and for instance glass wool.

The inner wall 14 has a closed portion at 17, raised with respect to the floor 10 and above the portion 17 has an opening surrounded by a flange at 18, enabling detachable connection of an elbow 19 thereto and which leads from a conventional stove at 20, supported on the floor 10.

It will be noted that the walls of the chimney are extended to form a hood or enclosure 21 about the stove and to provide at the top of the enclosure, a relatively large work shelf preferably covered by a board or the like as at 22. At the front of the enclosure 21, a suitable grill 23 may be provided.

The sheets of metal forming the walls 14 and 15 may be of any suitable material, preferably non-corrosive material, and for instance of stainless steel. Such walls may be of any desired construction and sectional wherever desired, for instance as shown in Figure 2 having joints 24 and

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25 between the sections to facilitate assembly and disassembly thereof.

The chimney, specifically the inner wall 14 thereof provides a discharge flue for the products of combustion at 26, of suitable shape, preferably extending upwardly and laterally and communicating with a tubular outlet part 27 thereof, extending through the roof of the trailer 12. Any suitable cap may be provided at 28, on and over the outlet part 27 and also around the joint of the outlet part 27 through the roof 12, a collar or plate 29 may be fastened as at 30, to exclude the elements.

Various changes may be resorted to provided they fall within the spirit and scope of the invention.

I claim as my invention:

1. A trailer chimney adapted for conveying the products of combustion from a heater located within a trailer to the exterior of the trailer, said chimney including spaced inner and outer walls and a filling of insulating material disposed therebetween for retaining the walls in properly spaced relationship relatively to one another, said chimney being fixedly attached to the interior of walls of the trailer throughout substantially its entire length, and a hood forming an integral extension of at least one wall of the chimney and adapted to be disposed over the heater.

2. A heating system for trailers, comprising a stove contained within a trailer, a chimney connected to said stove and opening to the atmosphere, exteriorly of the trailer, for carrying off the products of combustion from the stove, said chimney including spaced inner and outer walls and a filling of insulating material disposed therebetween for retaining the walls in properly spaced relationship relatively to one another, said chimney being fixedly attached to the interior of certain of the walls of the trailer throughout substantially its entire length, and a hood forming an integral extension of at least one wall of the chimney and in which said stove is disposed.

LESTER C. GOODWIN.

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