

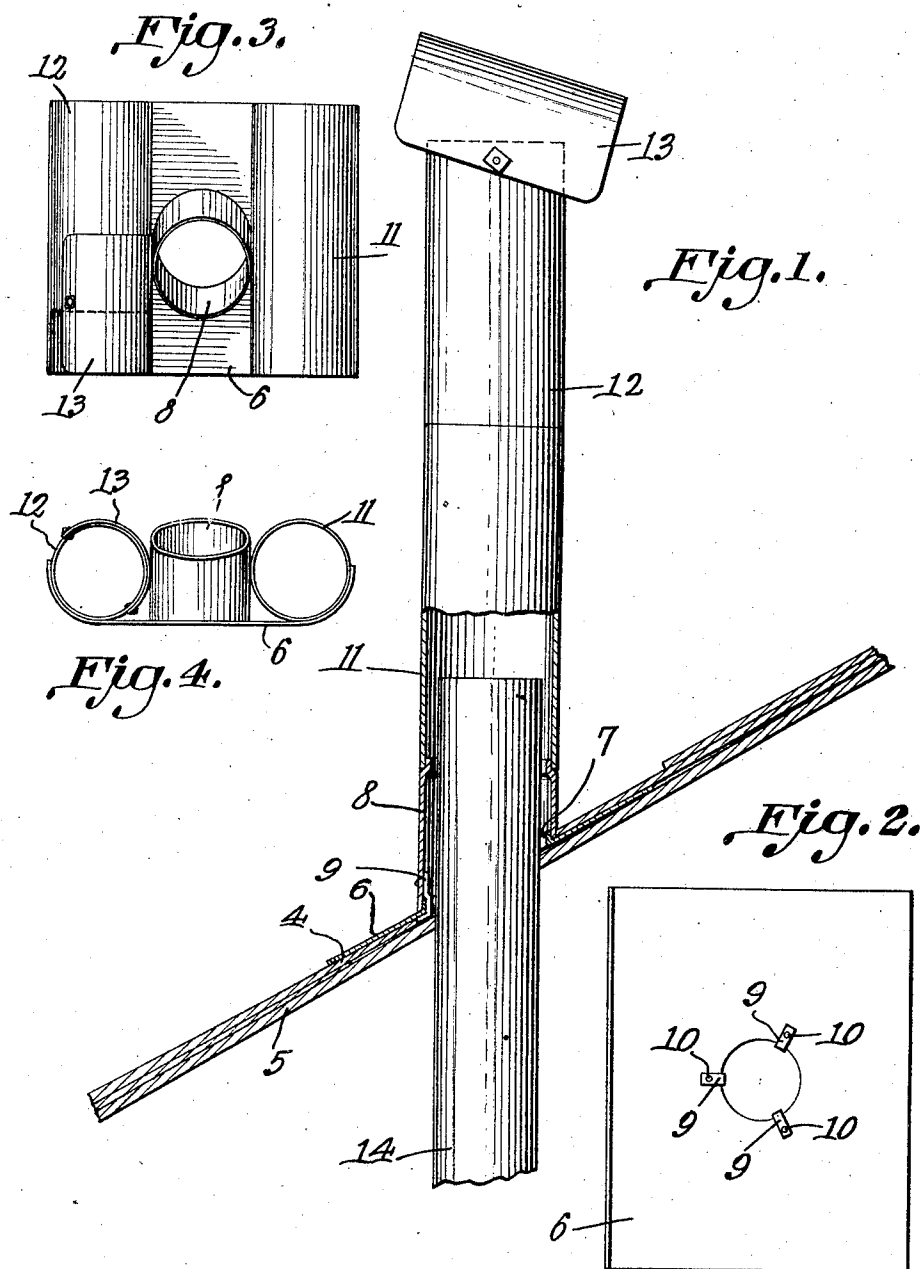
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CHIMNEY

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# UNITED STATES PATENT OFFICE.

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## CHIMNEY.

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This invention has reference to chimney construction, and aims to provide novel means whereby any possibility of leaks occurring in the roof adjacent to the chimney is eliminated.

A further object of the invention is to provide means for attaching the chimney to the roof in such a way as to eliminate the use of guy wires or similar supporting members.

Another important object of the invention is the provision of a chimney wherein the usual stove pipe may be positioned therein, it being unnecessary to cut the stove pipe to a predetermined length to position it.

A further object of the invention is to provide a stove pipe construction embodying a base having upturned side edges adapted to cooperate with a central pipe section carried by the base in gripping pipe sections and holding the same in a small and compact formation to facilitate shipment.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is an elevational view partly in section, illustrating a stove pipe constructed in accordance with the invention.

Figure 2 is a bottom plan view thereof.

Figure 3 is a plan view of the chimney construction showing the pipe sections positioned on the base for shipment.

Figure 4 is an end elevational view thereof.

Referring to the drawing in detail, the reference character 5 indicates roofing boards to which the chimney is secured. The chimney embodies a rectangular base 6 formed preferably of galvanized sheet metal, but it is to be understood that any suitable sheet metal may be used in the construction of the base.

A central opening is formed in the base 6, portions of the base adjacent to the opening extending upwardly defining a flange 7.

Positioned over the flange is a chimney section 8, which is secured to the base 6 by means of the straps 9 which are riveted

thereto by means of the rivets 10. Thus it will be seen that the chimney section 8 is securely held to the base.

The upper end of the chimney section 8 accommodates the chimney section 11 which also accommodates the lower end of the chimney section 12, and it is to be understood that any desired number of chimney sections such as 11 and 12 may be provided according to the height of the chimney desired.

The usual cowl is supplied at the upper end of the uppermost chimney section and in the present showing is indicated at 13, however any type of cowl may be employed without departing from the spirit of the invention.

As clearly shown by Figure 1, the shingles or roof covering which is indicated at 4 is positioned over the base 6, to the end that the shingles or roof covering further assists the nails or securing means in supporting the chimney in an upright position.

The stove pipe used in connection with the chimney does not have to be of a predetermined length in order to fit within the chimney, since it will be obvious that the stove pipe, which is indicated at 14 may have its upper end terminated at a point adjacent to the roof, or it may extend to the upper end of the chimney with equally as good results.

As illustrated by Figures 3 and 4, it will be seen that the lengths of the chimney sections are equal to the lengths of the base 6, so that the chimney sections may be positioned on the base as shown by Figures 3 and 4 to the end that the upwardly curved portions of the base will tend to cooperate with the chimney section 8 to grip the chimney sections, and hold them in position for shipment.

It might be further stated that the chimney section carrying the cowl is shorter than the remaining sections of the chimney so that the cowl may be moved to a position as shown by Figure 3 and the combined length of the cowl and chimney section will be equal to the width of the base, making a structure which may be readily shipped.

I claim:—

1. A collapsible chimney construction including a base having upturned side portions and having a central pipe section, pipe sections adapted to be positioned within the upturned side portions and clamped between the upturned side portions and central pipe

section, and the last mentioned sections being of lengths equal to the width of the base.

2. A collapsible chimney construction including a base, a central pipe section extending upwardly from the base, pipe sections adapted to be positioned on the base adjacent to the central pipe section to facilitate shipment of the chimney construction, and said base having upturned side edges to grip the pipe sections to hold them to the base.

3. A chimney construction including a base a central pipe section extending from the base, pipe sections adapted to be placed in parallel relation with each other and on opposite sides of the central pipe section, said base having upturned end portions to

engage the outer edges of the pipe section, and one of said pipe sections having a pivoted cowl portion.

4. A collapsible chimney construction including a base having upturned edges, a pipe section extending from the base, a pair of pipe sections adapted to be positioned between the upturned edges of the base and pipe section extending from the base, one of the pipe sections having a pivoted cowl section, the combined lengths of the last mentioned pipe section and pivoted cowl when the cowl is moved to its inactive position, being equal to the width of the base.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

JOHN WALTER SIMMONS.