

H. G. EISLER.
CLOTHES DRIER.
APPLICATION FILED APR. 1, 1914.

1,122,486.

Patented Dec. 29, 1914.

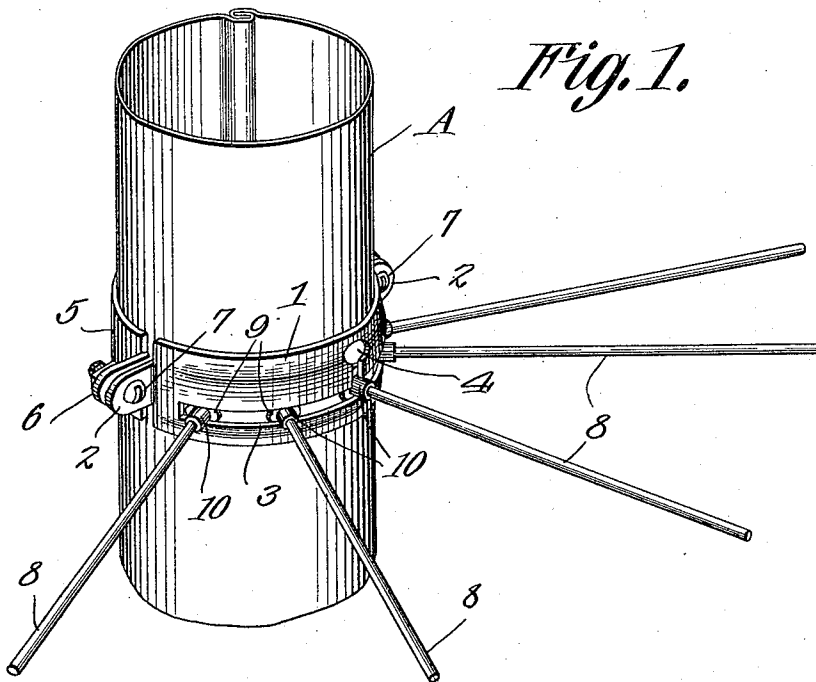


Fig. 1.

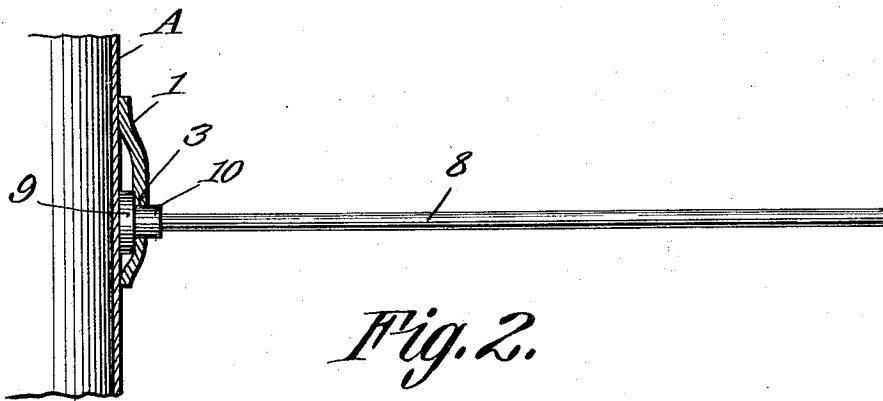


Fig. 2.

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Witnesses

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UNITED STATES PATENT OFFICE.

HENRY G. EISLER, OF CHICAGO, ILLINOIS.

CLOTHES-DRIER.

1,122,486.

Specification of Letters Patent.

Patented Dec. 29, 1914.

Application filed April 1, 1914. Serial No. 828,776.

To all whom it may concern:

Be it known that I, HENRY G. EISLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Clothes-Drier, of which the following is a specification.

This invention relates to clothes driers, its principal object being to provide a structure of this character designed to be supported by a smoke pipe so that the clothes or other fabrics to be dried may be suspended above a stove where they will be quickly dried by the heat given off by the stove and by the pipe.

A further object is to provide a drier which is cheap to manufacture, can be readily placed in position, and which has supporting fingers which can be easily placed in or removed from position.

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, can be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a perspective view of a portion of a pipe having applied thereto a drier such as constitutes the present invention. Fig. 2 is an enlarged vertical transverse section through a portion of the drier and the pipe engaged thereby.

Referring to the figures by characters of reference 1 designates an arcuate band of sheet metal or the like having outstanding terminal ears 2. This band is bowed transversely as shown particularly in Fig. 2 and has a longitudinal slot 3 communicating at a point between its ends with a keyhole slot 4 formed in the upper portion of the band.

An arcuate retaining band 5 is arranged back of the band 1 and has outstanding terminal ears 6 adapted to lie parallel with the ears 2 and to receive fastening bolts 7.

The slots 4 and 3 are adapted to receive the inner end portions of fingers 8. Each of these inner end portions includes a disk-like head 9 so proportioned as to enter easily through the large end portion of the key-

hole slot 4 although incapable of being withdrawn through the remaining portions of the slots 4 and 3. Formed between the head 9 and its finger 8 is a cylindrical enlargement 10, the diameter of which is substantially equal to the width of the slot 3 and the contracted portion of the slot 4.

In using the device herein described, the bands 1 and 5 are placed so as to straddle a pipe A after which the ears 2 and 6 are secured together by means of bolts 7, this causing the bands to hold frictionally upon the pipe. Subsequent to the attachment of the bands 1 and 5, the heads 9 are inserted through the enlargements or eye portions of the keyhole slots 4 and the enlargements 10 are thus caused to slide downwardly within the slots 4 and thence laterally into the slots 3. Thus it will be seen that all of the fingers will be caused to radiate from the bands and displacement of the fingers relative to the bands is prevented by reason of the fact that the heads 9 are seated snugly between the band 1 and the pipe A. This will be apparent by referring to Fig. 2.

The device herein described can be cheaply manufactured, readily applied, and constitutes efficient means for supporting fabrics in position where they will be quickly dried.

What is claimed is:—

1. A clothes drier including an arcuate band adapted to fit snugly upon a stove pipe, means for attaching said band to the pipe, said band being bowed transversely, there being a longitudinal slot in said transversely bowed portion of the band, said longitudinal slot communicating with an upwardly extending keyhole slot within the band, fingers having enlargements adapted to move within the slots and to fit snugly against the walls of the slots, and heads upon the inner ends of the enlargements adapted to fit snugly against the inner surface of the bowed portion of the band and to abut against the stove pipe supporting the band.

2. The combination with a stove pipe, of a band fitted snugly thereagainst and secured thereto, said band being bowed transversely to form a longitudinal space between the pipe and the band, there being a longitudinal slot within said bowed portion and a keyhole slot extending upwardly from the longitudinal slot, fingers, and a head upon the inner end of each finger, said head being insertible through the keyhole slot and into position back of the longitudinal

slot, said head being adapted to fit snugly against the inner face of the bowed portion of the band and against the pipe.

3. The combination with a stove pipe, of
5 a band fitted snugly thereagainst and secured thereto, said band being bowed transversely to form a longitudinal space between the pipe and the band, there being a longitudinal slot within said bowed portion
10 and a keyhole slot extending upwardly from the longitudinal slot, fingers, and a head upon the inner end of each finger, said head being insertible through the keyhole slot and into position back of the longitudinal

slot, said head being adapted to fit snugly 15 against the inner face of the bowed portion of the band and against the pipe, there being an enlargement upon each finger and close to the head, said enlargement being movable within the slot and adapted to fit 20 snugly against the walls of the slot.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

HENRY G. EISLER.

Witnesses:

AUGUST M. BLIX,

ARTHUR KART.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."