

(No Model.)

W. H. KENDALL.

DRYING HATS.

No. 346,754.

Patented Aug. 3, 1886.

Fig. 1.

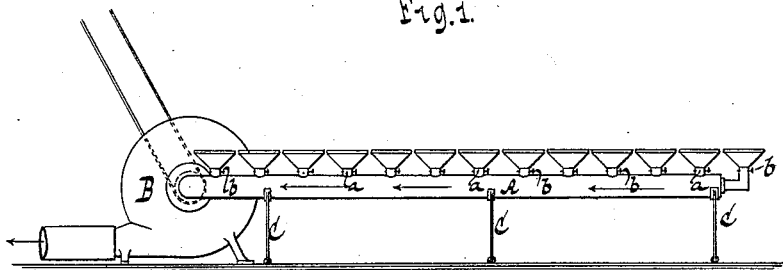
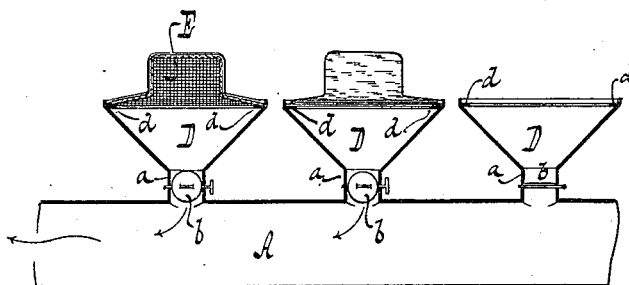


Fig. 2.



WITNESSES:

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WILLIAM H. KENDALL, OF BROOKLYN, NEW YORK, ASSIGNOR TO HIMSELF
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DRYING HATS.

SPECIFICATION forming part of Letters Patent No. 346,754, dated August 3, 1886.

Application filed May 13, 1886. Serial No. 202,065. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. KENDALL, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Drying Hats, of which the following is a specification.

This invention relates to a process for drying hats; and it consists in placing the hats upon foraminous blocks, and then causing a current of air to pass through the hats and the blocks; and it also consists in an apparatus for this purpose, which will hereinafter be described.

My process is particularly adapted to drying straw hats, but will dry hats of any material which will permit the passage of air through it.

In the drawings, Figure 1 is an elevation of my apparatus. Fig. 2 is a longitudinal section of a portion thereof on a larger scale than the preceding figure.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates the air-pipe, closed at one end and connected at its other end with the suction-opening of an exhaust-fan, B. The pipe A rests on legs C, and from its upper surface extend one or more branch pipes, *a*, each provided with a damper or gate, *b*, and supporting the funnel-shaped block-support D. On the inner side of this funnel, near its upper edge, is formed an annular ledge, *d*, which forms a support for the hat-block E when it is placed in the apparatus. This hat-block is formed of wire-cloth or other foraminous material, and on it the hat to be

dried is placed. The block with the hat is then placed on the ledge *d* of the funnel *c*, as above described, and as the damper or gate *b* is opened the air will be sucked through both the hat and the block, carrying the moisture with it, thereby drying the hat on the block without distorting its shape, and at the same time carrying the moisture away from the drying-room.

It is evident that the same result could be obtained by reversing the current of the air and forcing the same through the hats and the foraminous blocks from the inside; but I prefer the method above described.

What I claim as new, and desire to secure by Letters Patent, is—

1. The within-described process for drying hats, which consists in placing the hats upon foraminous blocks and then causing a current of air to pass through the hats and the blocks, substantially as described.

2. The combination, with the air-pipe A, and with an apparatus for exhausting or forcing air, of a series of hollow block-supports D, channels leading from said block-supports into the air-pipe, and gates or dampers controlling said channels, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

WILLIAM H. KENDALL. [L. S.]

Witnesses:

A. FABER DU FAUR, Jr.,
E. F. KASTENHUBER.