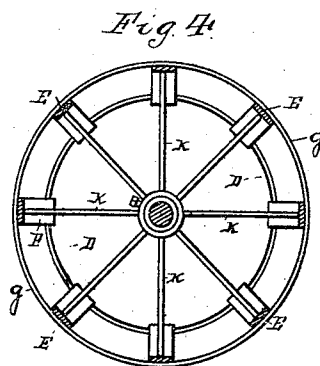
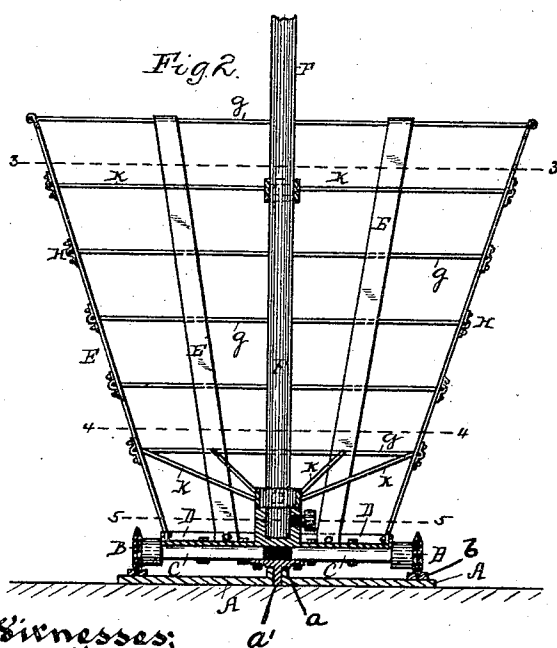
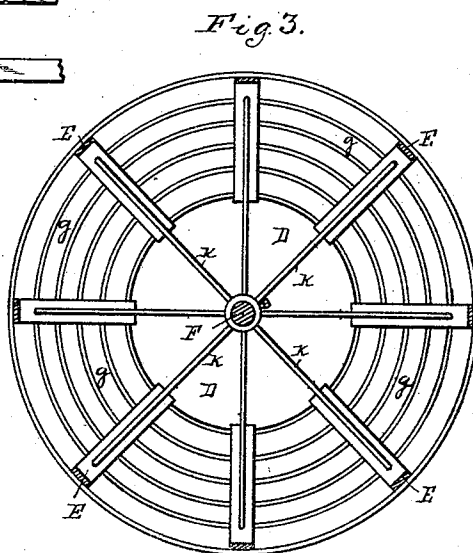
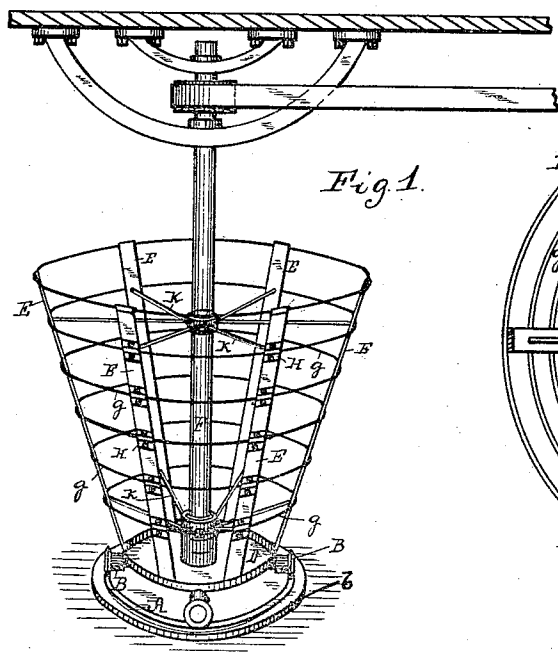


(No Model.)

J. W. REED.
CLOTHES DRIER.

No. 443,920.

Patented Dec. 30, 1890.



Witnesses;
James C. Reed
James C. Reed

Inventor:
James W. Reed

UNITED STATES PATENT OFFICE.

JAMES W. REED, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR OF ONE-HALF
TO WILLSON J. ISETT, OF SAME PLACE.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 443,920, dated December 30, 1890.

Application filed June 12, 1890. Serial No. 355,260. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. REED, of
Pittsburg, in the county of Allegheny and
State of Pennsylvania, have invented a cer-
tain new and useful Improvement in Clothes
Evaporating or Drying Machines, of which
the following is a specification.

This invention has reference to clothes-
driers; and it consists in the construction
hereinafter set forth, whereby a light and du-
rable drier is provided that will be of simple
and efficient form, and present an arrange-
ment whereby the clothes may be conven-
iently and quickly adjusted thereon and rap-
idly dried.

In the accompanying drawings, forming part
of this specification, Figure 1 is a perspective
view of a clothes-drier embodying my im-
provements. Fig. 2 is a vertical sectional
view of the same. Figs. 3 and 4 are plan
views of my improved drier, taken at the top
and in a lower plane.

The bed-plate A is secured to the floor, and
is provided centrally upon its upper side with
a bearing-box *a* and surrounding circular
track or way *b*.

The drier proper is composed in part of a
base-disk D, having a marginal vertical flange,
and beneath the said disk is bolted a series
of radial axles or spindles C C, upon the pro-
jecting ends of which are mounted wheels B
B, adapted to run on said track and secure
the free rotation of said drier. A pivot *a'*

depends centrally from the under side of a
small disk secured to the axles or spindles C
C, and said pivot bears in said box *a*. A se-
ries of outwardly-inclined vertical bars E E
are secured at their lower ends to the disk-
flange, and are re-enforced by braces K K,
radially extending from a ring secured to a
central shaft, said braces preventing wires *g*
g from sagging or kinking. The connection
of the wires *g g* with the bars E is secured by
clamp-plates H H, so that the entire upper
structure forms a drying-cone. From the
upper center of the hub-disk D rises the driv-
ing-shaft F, carrying a band-pulley to permit
its rotation.

I claim—

The combination of the circular base car-
rying the central vertical driving-shaft, a se-
ries of vertical bars braced by radial braces
extending from the central shaft, a series of
radial bars secured on the under side of the
base and carrying rollers at their outer ends,
together with an independent disk having a
depending pivot and secured to the inner ends
of the radial bars, horizontally-arranged wires
supported by the vertical bars, and a circular
base-track on which the rollers travel, substan-
tially as set forth.

JAMES W. REED.

Witnesses:

JESSE C. REED,

JAMES N. COOKE.