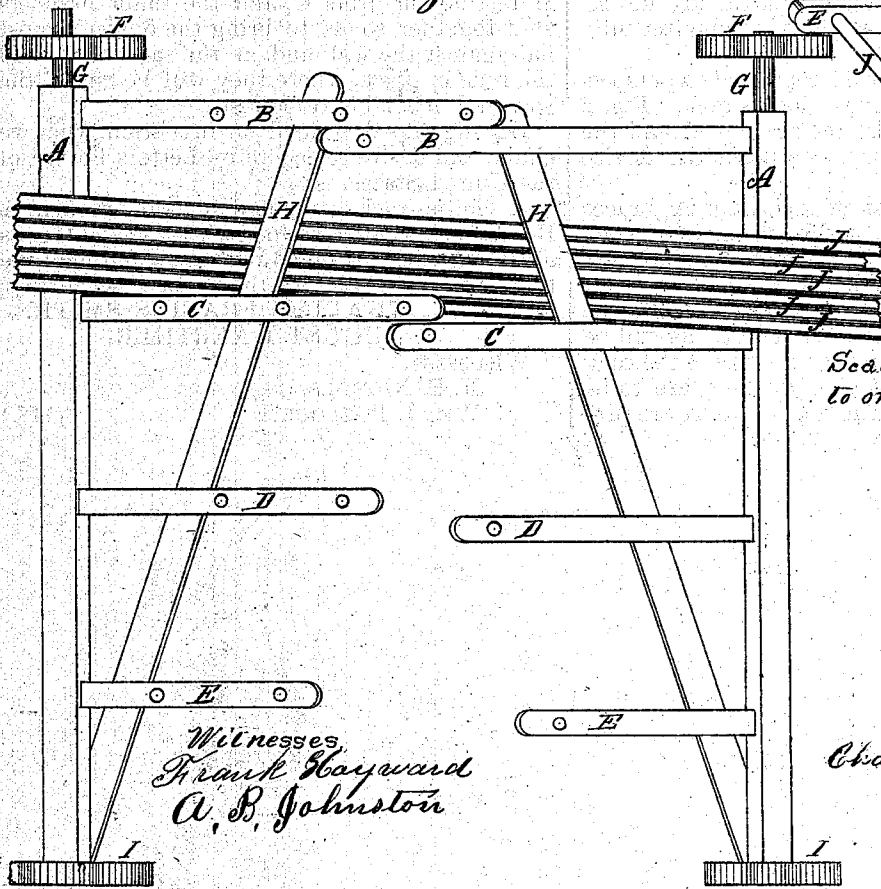
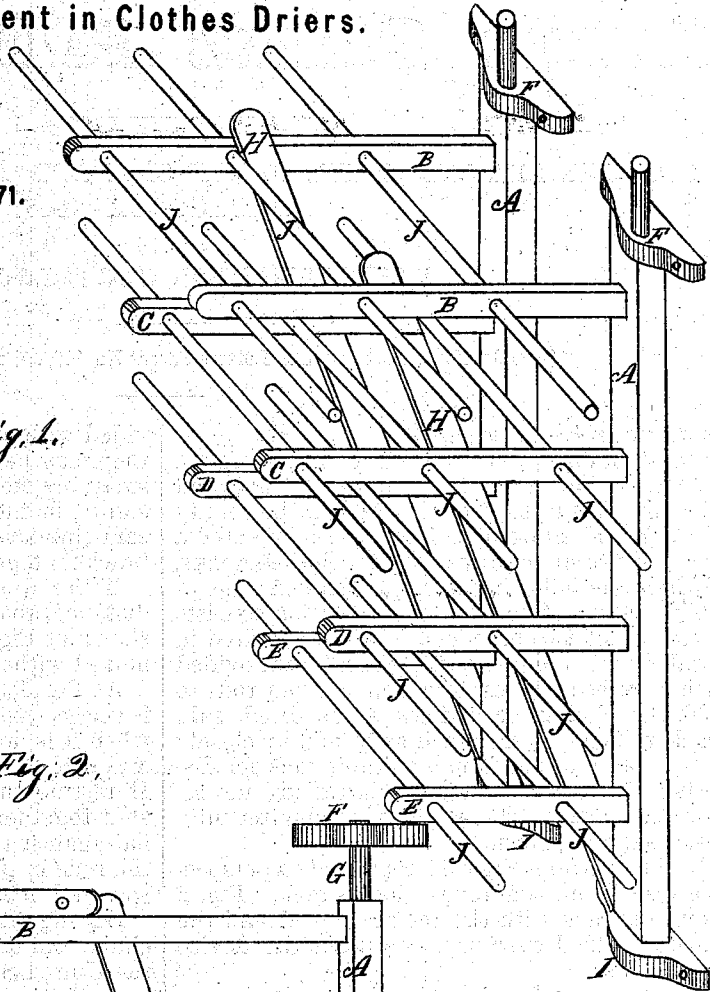


CHARLES FRANCIS SMITH & AUGUST HAERTHER.
 [117.] Improvement in Clothes Driers.

No. 119,191.
 Patented Sep. 19, 1871.

Fig. 1.

Fig. 2.



Scale of 2 inches
 to one foot

Witnesses
 Frank Hayward
 A. B. Johnston

Inventor
 Charles Francis Smith
 August Haerther
 By G. L. Chapin
 Atty

UNITED STATES PATENT OFFICE.

CHARLES FRANCIS SMITH, OF AURORA, AND AUGUSTUS HAERTHER, OF
CHICAGO, ILLINOIS.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 119,191, dated September 19, 1871.

To all whom it may concern:

Be it known that we, CHARLES FRANCIS SMITH, of Aurora, in the county of Kane, and AUGUST HAERTHER, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Clothes-Racks, of which the following is a specification:

The nature of the present invention consists in the use of two brackets, which are jointed to a wall or other support, and which are provided with a series of holes, in which are put rods to hold the clothes or articles to be dried, said brackets being so arranged as to fold up closely to the wall and yet form a suitable rack for disposing of the rods when the latter are not required for use, as the whole is hereinafter fully described and shown.

In the drawing, Figure 1 represents a perspective view of our improved clothes-rack. Fig. 2 shows the rack with the rods removed and the brackets folded over them as when the device is not in use.

The brackets consist of standards A, braces H, and arms B C D E, which are made of wood or other suitable material. These arms are provided with a series of holes, in which are put rods J J J, &c., of such size that they can be readily removed, and of such length as will be most convenient considering the size of the rack and the distance apart the brackets are to be placed on the wall. The standards A are pro-

vided with round tenons at each end, so that they may be held to a vertical wall by means of small brackets F I, secured in place by nails or screws in the ordinary manner, and so that the said standards may swing in and shut the main brackets together, as shown in Fig. 2.

If the upper brackets F are placed a suitable distance above the shoulders of standards, as shown at Fig. 2, they (the standards) can be removed without detaching either bracket F I.

At Fig. 1 the rack is in position for use, and is very convenient for the purpose designed, and when it is not required for use the rods J J J, &c., can be removed, placed inside of the braces H resting on arms C, and the main brackets shut together so as to bring the device almost flat against the wall and at the same time hold the rods in place, where they will be out of the way and not liable to be lost.

Having thus described our invention, what we claim, and desire to secure by Letters Patent of the United States, is—

A clothes-rack composed of two brackets A B C D E H, when combined with removable rods J J J, &c., and arranged to fold up and hold the rods in place, as and for the purpose set forth.

CHARLES FRANCIS SMITH.

AUGUST HAERTHER.

Witnesses:

N. F. NICHOLS,
WM. J. POLLOCK.

(117.)