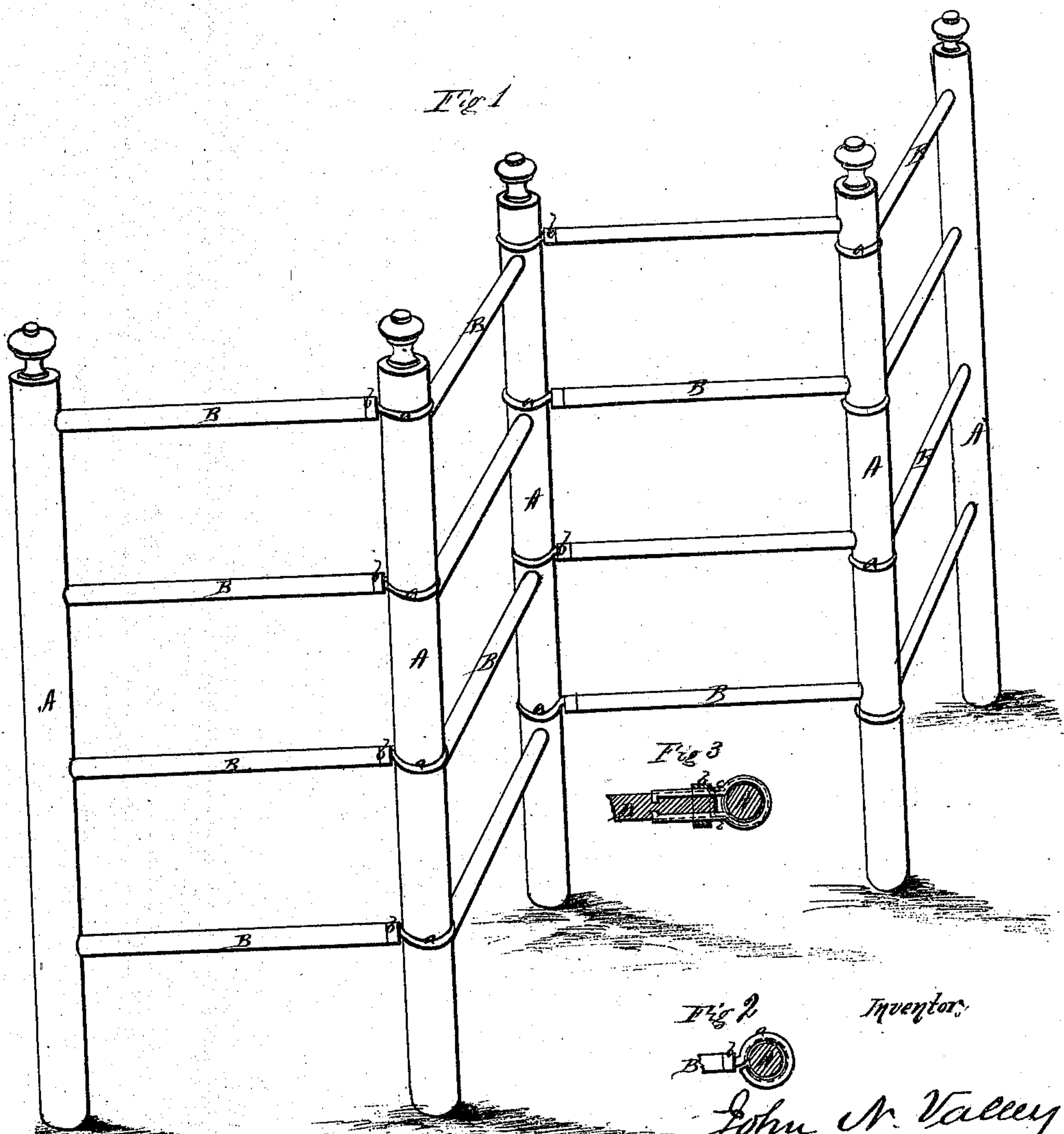


J. N. Valley,

Clothes Frame.

No. 103257.

Patented May 17. 1870.



Witnesses

Harry King
Ed. Ewert

Fig 2

Inventor

John N. Valley
per
Alexander Mason
attys

UNITED STATES PATENT OFFICE.

JOHN NAPOLEON VALLEY, OF DETROIT, MICHIGAN.

IMPROVED CLOTHES-DRIER.

Specification forming part of Letters Patent No. **103,257**, dated May 17, 1870.

To all whom it may concern:

Be it known that I, JOHN NAPOLEON VALLEY, of Detroit, in the county of Wayne, and in the State of Michigan, have invented certain new and useful Improvements in Clothes-Horse; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a clothes-horse, as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a perspective view of the entire clothes-horse; and Fig. 2 is a horizontal section, showing the manner of hinging the horizontal bars to the upright posts. Fig. 3 shows a modification of the said mode of hinging the bars to the posts.

A A represent a series of upright posts, connected by horizontal bars B B.

The bars B B are firmly secured to one post, and hinged to the next in the following manner: A groove or crease is made around the post A, and an eye-screw, *a*, placed in the

same, said screw being screwed into the end of the bar or stretcher B, and a ferrule, *b*, placed upon the end of the bar. By thus hinging the horizontal bars to the upright posts, the clothes-horse can be turned in every direction, or rather each section of the clothes-horse can be turned in any direction desired.

In place of the eye-screws *a a*, the bars or stretchers B B may be hinged by means of a staple, *e*, passing around the post in the groove or crease, the ends of said staple fitting in grooves on the bar B and bent inward into said bar. The ferrule *b* is then slipped over to hold the staple. This mode of hinging is shown in Fig. 3.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A clothes-horse formed in sections of the posts A A and bars B B, the sections being hinged together by means of the eye-screws *a*, moving in grooves on the posts and screwed to the ends of the bars, provided with bands *b*, substantially in the manner herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 10th day of April, 1870.

JOHN NAPOLEON VALLEY. [L. S.]

Witnesses:

ED. P. TRACY,

WILLIAM BARNES.