

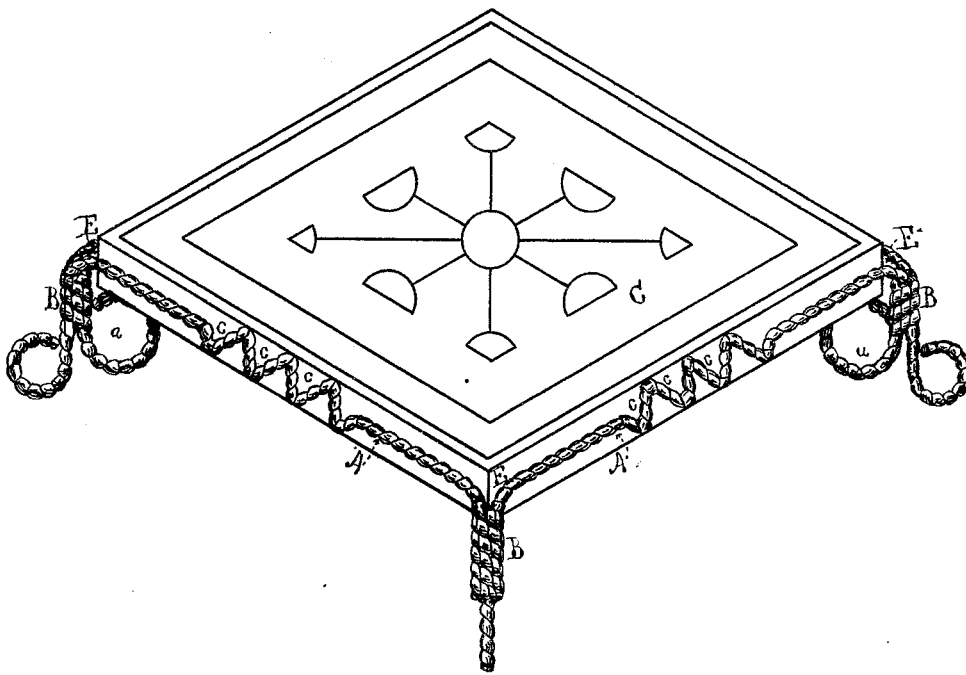
G. D. DUDLEY.

WIRE-FRAMES FOR TILE-STANDS.

No. 185,733.

Patented Dec. 26, 1876.

Fig. 1



Witnesses
Wm. S. Brown.
Charles E. Pratt.

Inventor
George D. Dudley
by A. N. Garland
Atty.

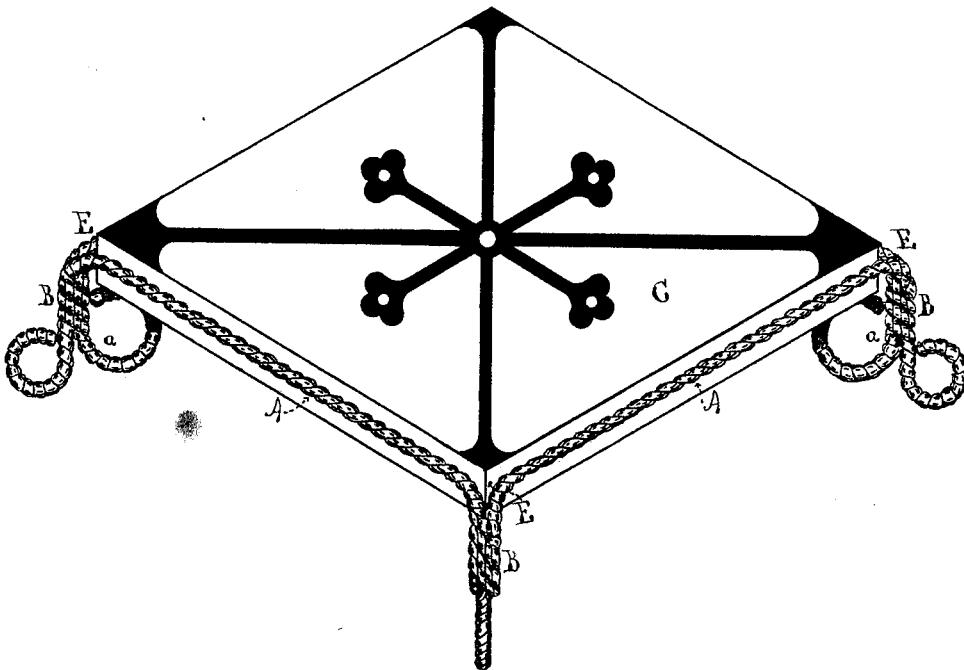
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Fig. 2



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Wm. S. Brown.
Charles E. Pratt.

Inventor

George D. Dudley
by W. K. Earl and
Atty.

UNITED STATES PATENT OFFICE.

GEORGE D. DUDLEY, OF LOWELL, MASSACHUSETTS, ASSIGNOR TO WOODS,
SHERWOOD & CO., OF SAME PLACE.

IMPROVEMENT IN WIRE FRAMES FOR TILE-STANDS.

Specification forming part of Letters Patent No. 185,733, dated December 26, 1876; application filed
December 1, 1876.

To all whom it may concern:

Be it known that I, GEORGE D. DUDLEY, of Lowell, in the county of Middlesex and State of Massachusetts, have invented a new and useful Wire Stand, of which the following is a description:

My invention relates to the construction of an ornamental stand or holder for securing and supporting a flat plate—such as ornamental tiles, &c.—readily and securely; and consists in so constructing a wire frame as to receive and hold the tile, and raise it slightly above the table on which the stand is placed, and protect it from being broken, as herein-after described.

Figure 1 is a perspective view of the stand, showing the method of forming an expansible frame by means of flutes or corrugations in the side bands. Fig. 2 is a similar view, showing expansible corners in the frame.

A is the wire frame, of the same shape and size as the tile C, which is held by it. The wires A A, forming the sides of this frame, are united at the corners E E and bent downward, one part forming the legs and feet B B. The other part, *a*, is bent inward under the tile, forming a bracket, upon which the tile rests vertically.

As the tile rests upon the brackets *a a*, one at each corner of the tile, it will be held above the foot of the stand, so that it cannot be pushed down or through the wire frame by the weight of any article which may be placed on it, as might be the case if the tile were held only by the gripe of the wire frame in case the tile-stand is used to support heavy articles.

In order that these wire frames may be readily fitted closely and firmly to the tile, since the latter are found to vary considerably in size, I make several flutes or corrugations, *c c c*, in the side bands of the frame, which corrugations allow the frame to ex-

pand, and by their tension also hold the side bands A A closely to the tiles, notwithstanding their considerable variations in size.

In case it is desired to make the side bands without the corrugations where the tiles vary slightly in size, I make the frame expansible at the corners, as shown at Fig. 2. Instead of making these corners of the frame solid at the corners of the tile, I leave them open a little, as at E E, thus forming an expansible frame, which is capable of being readily fitted to the tile.

This method of forming an expansible wire frame renders the latter capable of being easily and quickly adjusted to the tile, so that it fits the latter with an elastic gripe, thus avoiding the necessity of fitting each frame to its tile, and also forms an ornamental protecting-edge for the sides of the tile.

In case the tile-stand is not to be used to support any articles, but merely as an ornament, the tile may be sufficiently held by the elastic gripe of the stand-frame A, without resting upon the brackets *a a*.

I claim as new and of my invention—

1. A stand composed of a tile top and wire frame, combined substantially as described.
2. The combination of the side bands A A of the wire frame with the feet B and the brackets *a a*, substantially as described.
3. The wire frame A, having flutes or corrugations *c c c* in its bands, which encompass the article held, forming an expansible frame, substantially as described.
4. The wire frame, having its band A A united, substantially as shown at E E, to permit the expansion of the frame, as set forth.

GEORGE D. DUDLEY.

Witnesses:

HORACE F. SLOCUM,
STANLEY MANSFIELD.