G. D. DUDLEY.

Wire-Stands or Holders.

No. 145,283. Patented Dec. 9, 1873.

Fig. 1

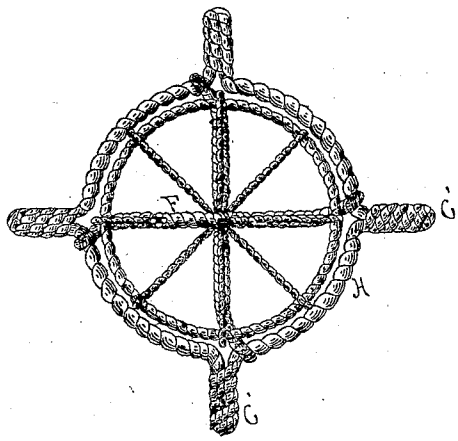


Fig. 2

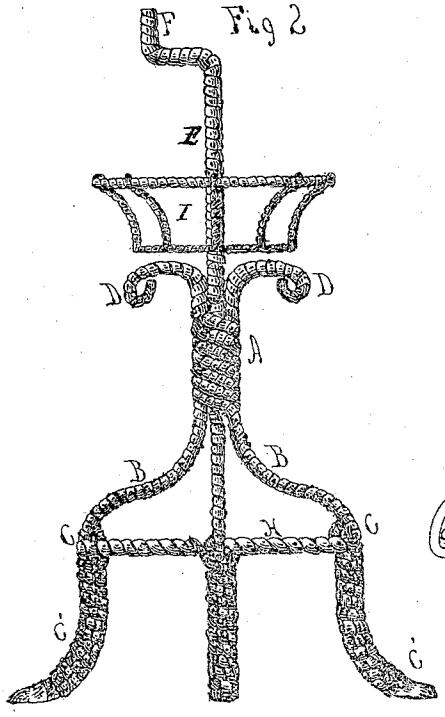


Fig. 3

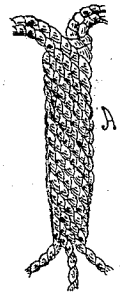
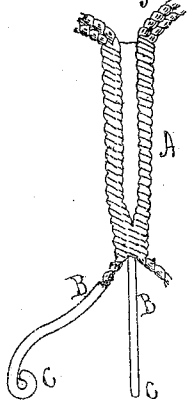


Fig. 4



Witnesses,
John E Crane
Grace F. Sloan

Inventor.
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GEORGE D. DUDLEY, OF LOWELL, MASS., ASSIGNOR TO EDWARD P. WOODS, DANIEL SHERWOOD, AND C. H. LATHAM, OF SAME PLACE.

IMPROVEMENT IN WIRE STANDS OR HOLDERS.

Specification forming part of Letters Patent No. **145,283**, dated December 9, 1873; application filed October 23, 1873.

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 certain new and useful Improvements in Wire Stands or Holders, of which the following is a specification:

My invention relates to wire stands or holders; and consists in a novel construction, combination, and arrangement of parts, which have for their object to produce a useful, cheap, and ornamental article of manufacture, as will be fully set forth hereafter.

Figure 1 represents a plan or top view; Fig. 2, a side elevation. Fig. 3 represents a part in in detail, and Fig. 4 is a longitudinal section of Fig. 3.

In constructing my said improvement, one end of each of the previously-prepared wires is secured to a mandrel or plug, which plug, or the wires, are turned or rotated, and this winds, coils, or twists the wires around it, sufficient in length to form the sleeve-step from the commencement of the coil to the end of the plug. The wires are further twisted or coiled beyond the end of the plug, to contract the sleeve and form a bottom bearing for the shaft. Removing the plug from the wire sleeve, the short ends D of the wires are generally turned or bent over, about as shown, to make a better finish; and the longer portions are bent or curved, and connected to a ring, H, or other suitable device, provided with legs C′; or, if preferred, the ring may be dispensed with, and the curved braces B may form the legs of the stand; or the legs C′ may be omitted, and the connected ring form the base of the stand.

The wires which form the sleeve-step may be plain, or they may be formed of two or more wires twisted together. The result of uniting the wires together to form the sleeve-step is the same. The twisted wires are more ornamental, and the plain wires make the stand a little cheaper, so that both plain and twisted wires have their advantages.

I regard the shaft E and the basket I as a new combination; so, also, the shaft-furnished basket with the step-furnished stand, whether the shaft has an operating-crank, F, or only a shaft below the basket.

The parts of the stand, after having been properly formed, are immersed in a bath of molten tin, or similar metal, as is usual with wire articles, and for the same purpose.

I claim—

1. The wire sleeve-bearing A, formed of the wires which form the braces B or legs C′, constructed substantially in the manner described and specified.

2. The combination, with the shaft E, of the basket or receptacle I, substantially as described.

3. The combination, with a supporting-stand, as described, of the shaft-furnished basket E G, constructed substantially in the manner described and specified.

4. As a new article of manufacture, a wire stand or holder made up of a revolving basket, G, and shaft E, and a sleeve, A, and legs C′, substantially in the manner described.

GEORGE D. DUDLEY.

Witnesses:
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