

2 Sheets--Sheet 1.

S. H. PENLEY.
Rattan Ware.

No. 144,563.

Patented Nov. 11, 1873.

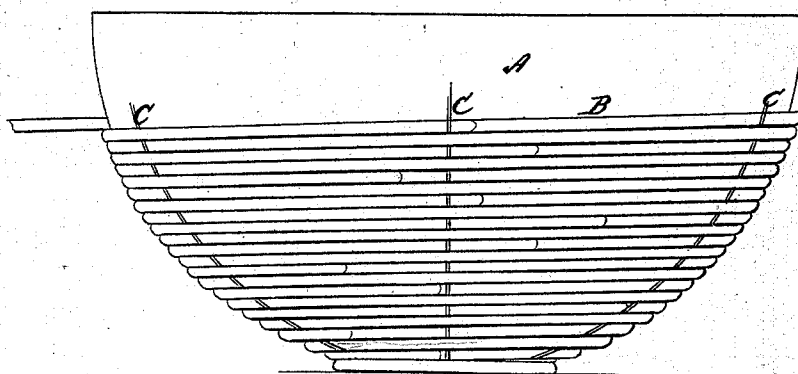


Fig. 1.

WITNESSES

Anthony Connolly
J. B. Connolly

By

Sullivan H. Penley
Connolly Bros

INVENTOR

Attorneys.

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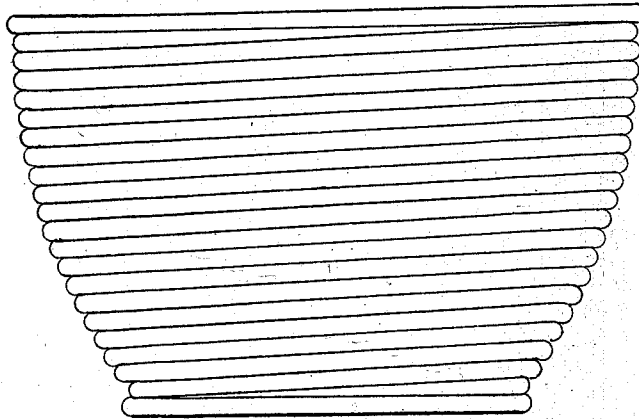


Fig. 2.

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J. B. Connolly
Anthony Connolly

By

S. H. Penley
Connolly Bros

INVENTOR

Attorneys.

UNITED STATES PATENT OFFICE.

SULLIVAN H. PENLEY, OF CHELSEA, MASSACHUSETTS.

IMPROVEMENT IN RATTAN-WARE.

Specification forming part of Letters Patent No. **144,563**, dated November 11, 1873; application filed August 8, 1873.

To all whom it may concern:

Be it known that I, SULLIVAN H. PENLEY, of Chelsea, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Rattan-Ware; and I do hereby declare that the following is a full, clear, and exact description thereof, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings and to the letters of reference marked thereon, which form a part of this specification.

In the drawing, Figure 1 is a side view, showing a basket in process of construction. Fig. 2 is a side view, showing the basket when finished.

This invention has relation to the manufacture of rattan-ware, such as baskets, traveling-valises, boxes, and articles of various kinds; and the novelty consists essentially in producing the desired article from rattan pith, the same being wound in strands upon a suitable form, without weaving or plaiting, and the strands secured together by means of glue, cement, or other equivalent fastening, and by means of cane-strand, wire, cord, sinew, or the equivalent thereof, applied as stays or supports, all substantially as hereinafter more fully described.

The accompanying drawings illustrate an article of rattan-ware in process of construction according to my invention, A being the "form" upon which the rattan pith is wound; B, the pith; and C, the cane-strand or stays, the method of winding the rattan-pith being clearly shown.

In the manufacture of the various articles to which my improvement appertains, I prefer, in the first instance, to form a continuous belt by uniting any desirable number of lengths of rattan "pith" at their ends. Afterward I wind the pith around a form corresponding or adapted to the shape of the article to be produced, laying the strands closely together, and

finally securing them by a coating of glue, cement, or other equivalent fastening.

In order to facilitate the work of forming the articles, I sometimes employ some suitable staying material, such as cane-strand, wire, cord, sinew, or the equivalent, as before mentioned, the object of which is to hold the strands of rattan in place, and allow the basket or other article to be removed from the form as soon as finished.

The stays may be advantageously employed in some cases to retain the article in shape after the same has been completed and removed from the form.

As the essential feature of my invention consists in the method of arranging the rattan pith, I do not limit myself to the production of any specific article, or to any particular design. It is obvious that my improvement is applicable to a great variety of purposes. The rattan pith may be wound, as described, to form not only baskets and packages, but even to form trunks, the bodies of buggies, and such other articles in which lightness combined with strength is of advantage.

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

1. A basket or other article of rattan-ware, formed of rattan pith wound in continuous strands or coils, and secured by glue, cement, or other fastening, substantially as specified.

2. A basket or other article made of rattan pith wound in continuous strands or coils, and provided with the stays C, applied substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 8th day of August, 1873.

SULLIVAN H. PENLEY.

Witnesses:

F. A. CONNOLLY,
J. B. CONNOLLY.