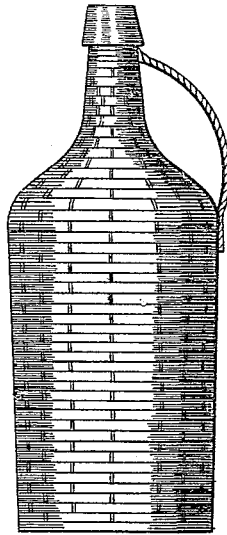


C. NEWMAN.

Process of Treating Rattan.

No. 167,409.

Patented Sept. 7, 1875.



Witnesses

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# UNITED STATES PATENT OFFICE.

CARLTON NEWMAN, OF SAN FRANCISCO, CALIFORNIA.

## IMPROVEMENT IN PROCESSES OF TREATING RATTAN.

Specification forming part of Letters Patent No. 167,409, dated September 7, 1875; application filed May 11, 1875.

*To all whom it may concern :*

Be it known that I, CARLTON NEWMAN, of San Francisco city and county, State of California, have invented an Improvement in Process of Treating Rattan; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention without further invention or experiment.

My invention relates to an improved process for treating the strips of rattan which are used in the manufacture of baskets, demijohns, and other articles of rattan-ware.

Rattan is imported into this country in bundles, which are composed of round strips of rattan, and these round strips are divested of their outer coating, which serves for chair-bottoms, while the core or interior, which is also round, is used for weaving into rattan-ware.

My invention consists in flattening the strips previous to weaving them, so as to not only economize in the manufacture of rattan-ware by reducing the number of strips required to cover any given surface, but also to give the article of ware a more uniform, smooth, and solid surface.

The strips can be flattened by any suitable pressing device; but I prefer to pass them between two pressing-rollers, which are gaged to

the desired thickness. This flattening condenses the otherwise spongy-like strips, and widens them, so that in covering a bottle with them or manufacturing any article of rattan-ware a less number of strips will be required, owing to the increased surface which each strip will cover, thus economizing in the amount of rattan material required. The article of wicker work or ware manufactured from these flattened strips will also be neat and more uniform in appearance, as the strips will lie closer together, and not be so liable to slip or shift from their proper position, thus more closely imitating articles manufactured from willow-ware. They will also be easier to handle and weave, as the flattening determines their position in which they are to be placed, and they are not liable to get twisted in weaving.

The accompanying drawing represents a bottle covered with the flattened rattan.

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

The process of flattening strips of rattan by compression previous to weaving them into rattan-ware or wicker-work, substantially as and for the purpose above described.

CARLTON NEWMAN.

Witnesses:

GEO. H. STRONG,  
JNO. L. BOONE.