

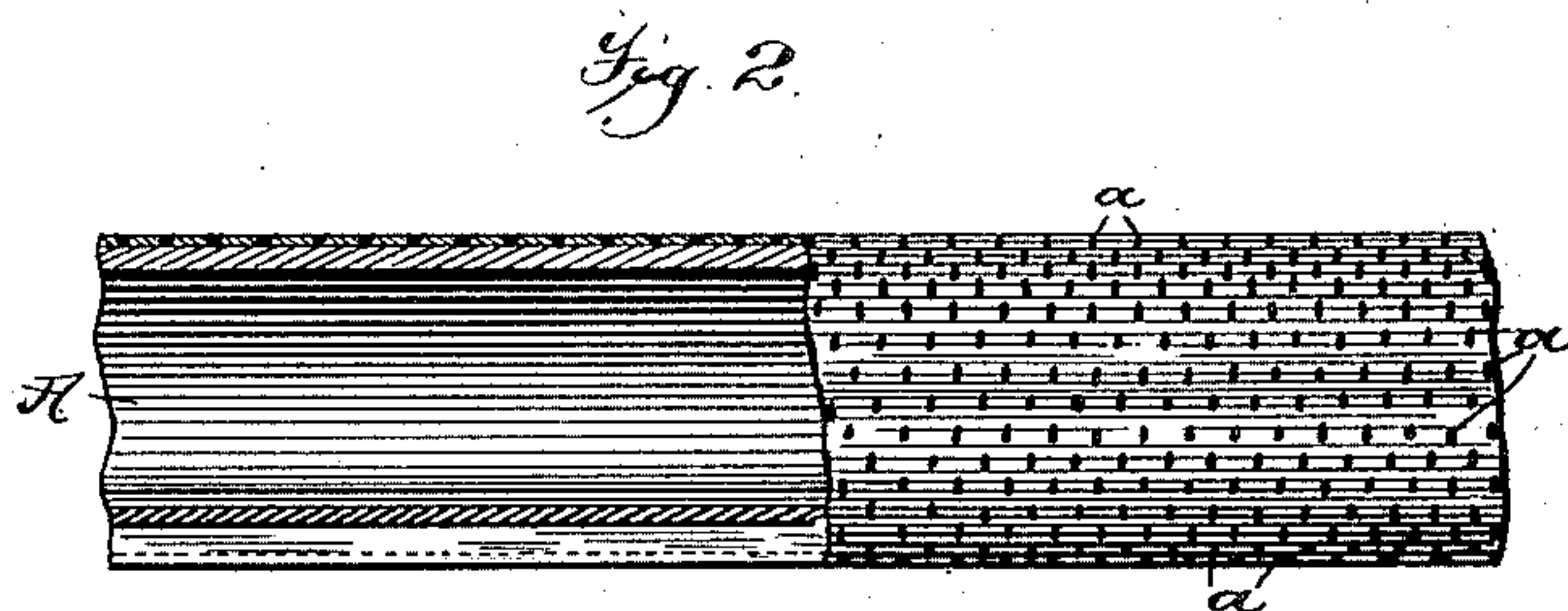
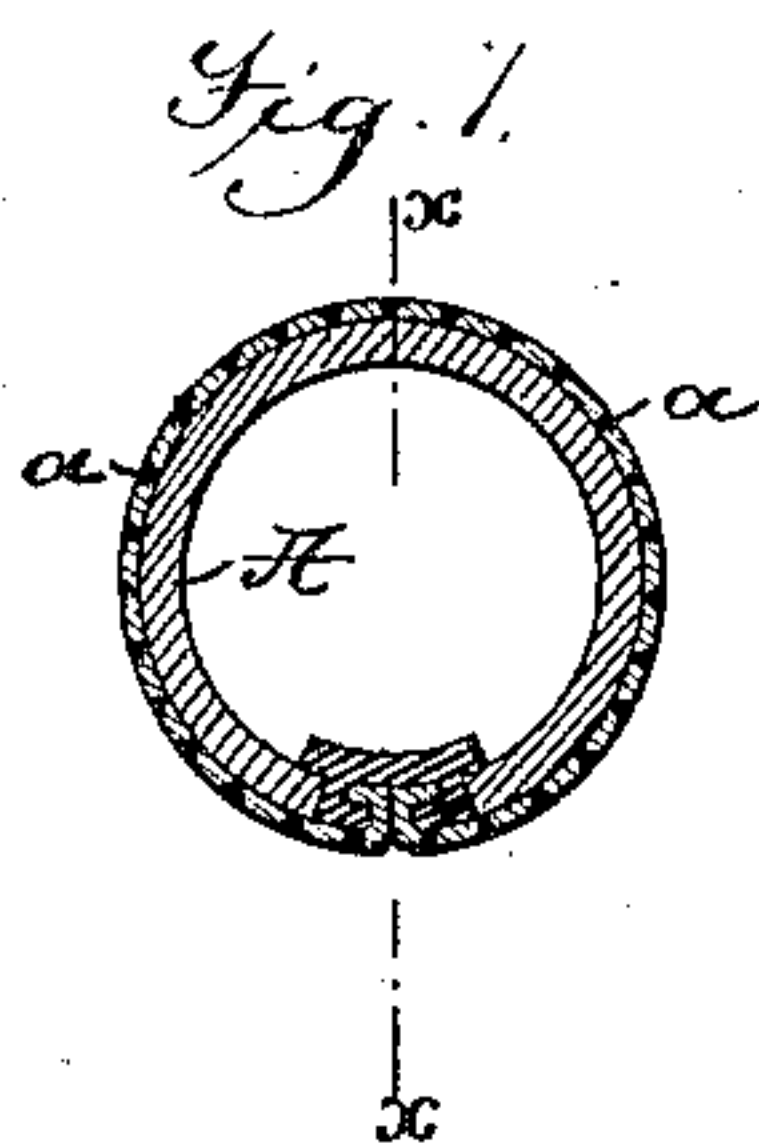
(No Model.)

W. T. MERSEREAU.

BRASS ROD AND TUBING.

No. 344,847.

Patented July 6, 1886.



Attest:  
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# UNITED STATES PATENT OFFICE.

WILLIAM T. MERSEREAU, OF SOUTH ORANGE, NEW JERSEY.

## BRASS ROD AND TUBING.

SPECIFICATION forming part of Letters Patent No. 344,847, dated July 6, 1886.

Application filed May 22, 1886. Serial No. 202,938. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM T. MERSEREAU, a citizen of the United States, and a resident of South Orange, Essex county, in the State of New Jersey, have invented a new and useful Improvement in Brass Rods and Tubing, of which the following is a specification.

My invention relates to that class of polished rods and tubing used more particularly in the manufacture of bedsteads and other articles of furniture; and it consists in the peculiar finish of the exterior, which I term "needle finish," from the fact that the surface thereof is thickly covered with numerous minute holes, punctures, or indentations, without destroying in the slightest the finish or polish of the said surface.

The object of the needle-finish as applied to brass or copper rods and tubes, to be made up into tables, beds, and other similar articles, is for the purpose of destroying the effect of scratches, to which such are constantly subjected, and to obscure them, so that their presence will be unnoticeable, and it has been found in practice to be effective and extremely desirable for the purpose intended.

Referring to the drawings, Figure 1 represents a section of tubing used in the manufacture of brass stock, showing the indentations, &c., and Fig. 2 a sectional side view of tubing with a section cut away.

A represents the body of the tube, and *aaa* are indentations formed closely upon the surface and around said rod, which indentations or minute punctures are preferably formed thereon by passing the same through or between rolls provided with numerous needle-points or

similar projections, although it is obvious that the punctures or indentations may be otherwise formed, the object being to have the indentations exceedingly small and close together, in order to avoid accumulation and the holding of dust and dirt within them, for it has been found in practice that coarse indentations, or those formed upon such surfaces by blunt projections, do not retain the polish and luster like those with the fine minute pricks.

I sometimes prepare the plates with punctures or indentations before they are formed into rods or tubing by passing the plate from which they are to be made beneath a roll or rolls provided with the needle-points or projections. I do not wish to be understood, however, that I claim, broadly, a rod or tube provided with a roughened or indented surface, as I am aware that such have been figured by rolling and by casting; such, however, I do not claim; but,

Having thus set forth my invention, what I claim as new, and desire to secure by Letters Patent of the United States of America, is—

1. As an improved article of manufacture, a needle-finished rod or tube of brass or copper, the surface of which is provided with numerous minute punctures or indentations, substantially as shown and described.

2. Finishing brass and other polished metallic rods or plates by puncturing or indenting the surface thereof with minute pricks, substantially as and for the purpose set forth.

WILLIAM T. MERSEREAU.

Witnesses:

JOS. M. CRANE,  
GEORGE W. HOLT.