

J. ARMANET.
Wooden Measure.

No. 229,231.

Patented June 29, 1880.

Fig. 1

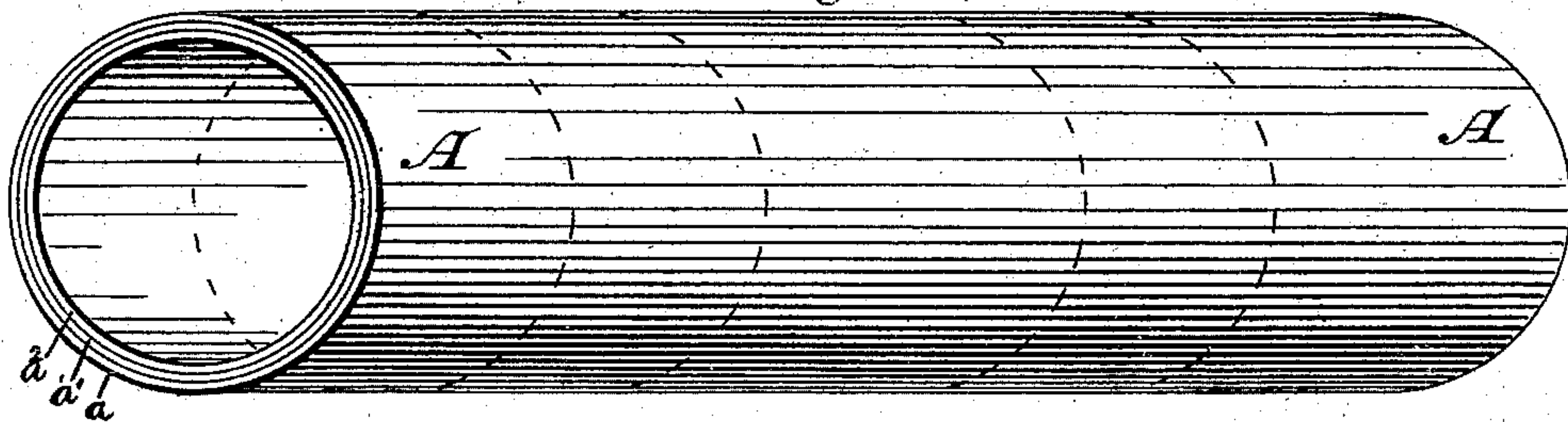


Fig. 3

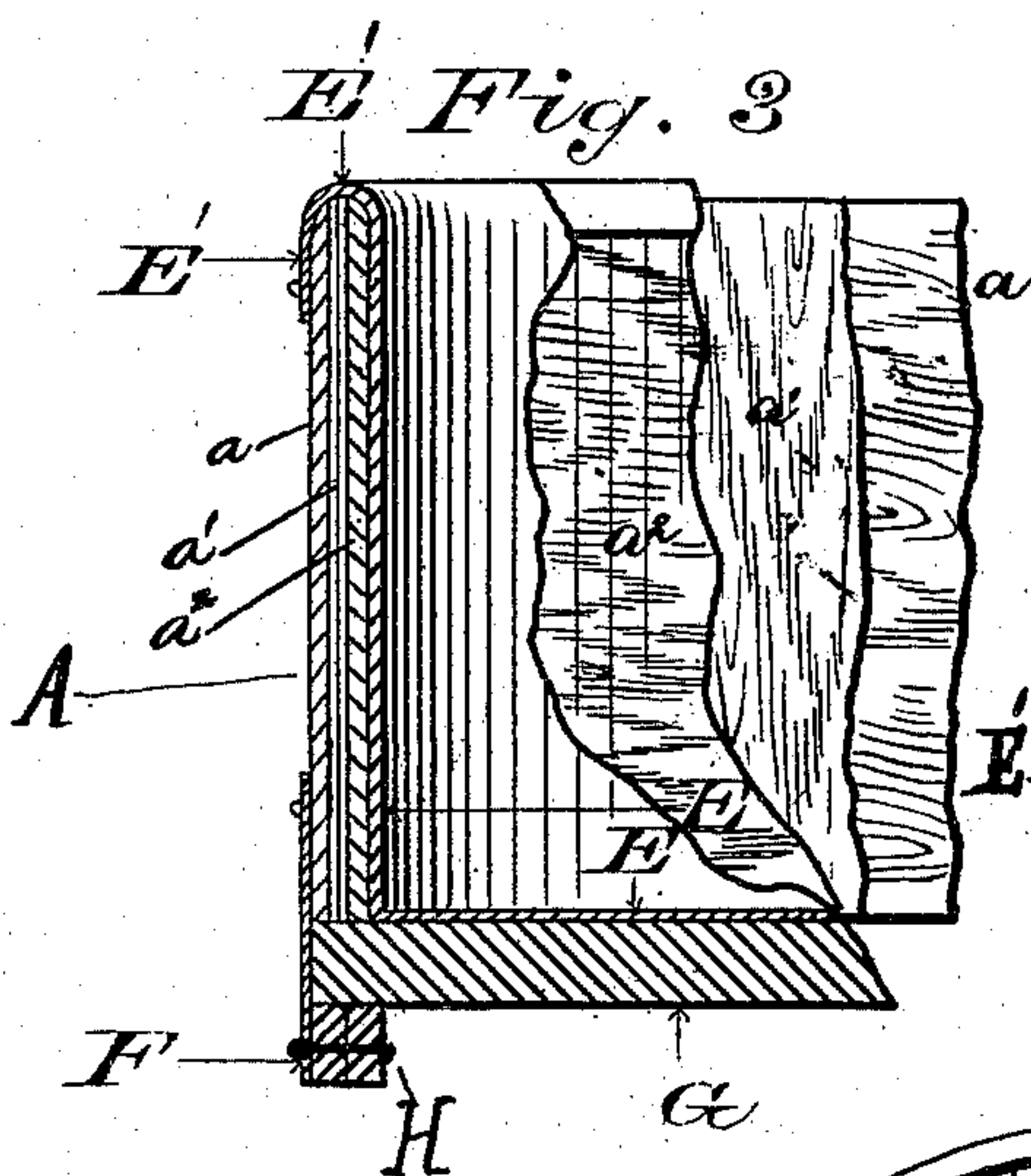


Fig. 2

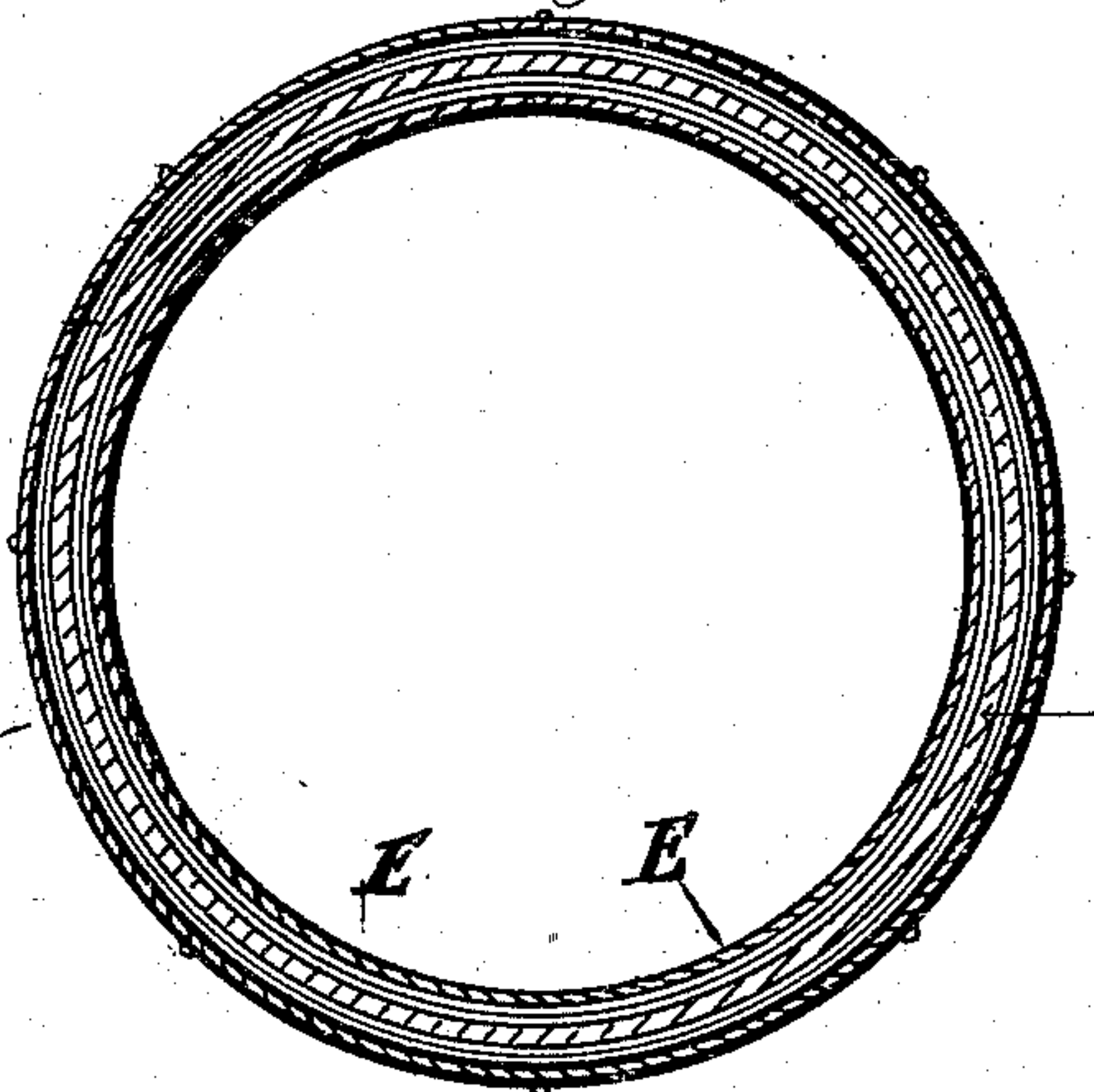
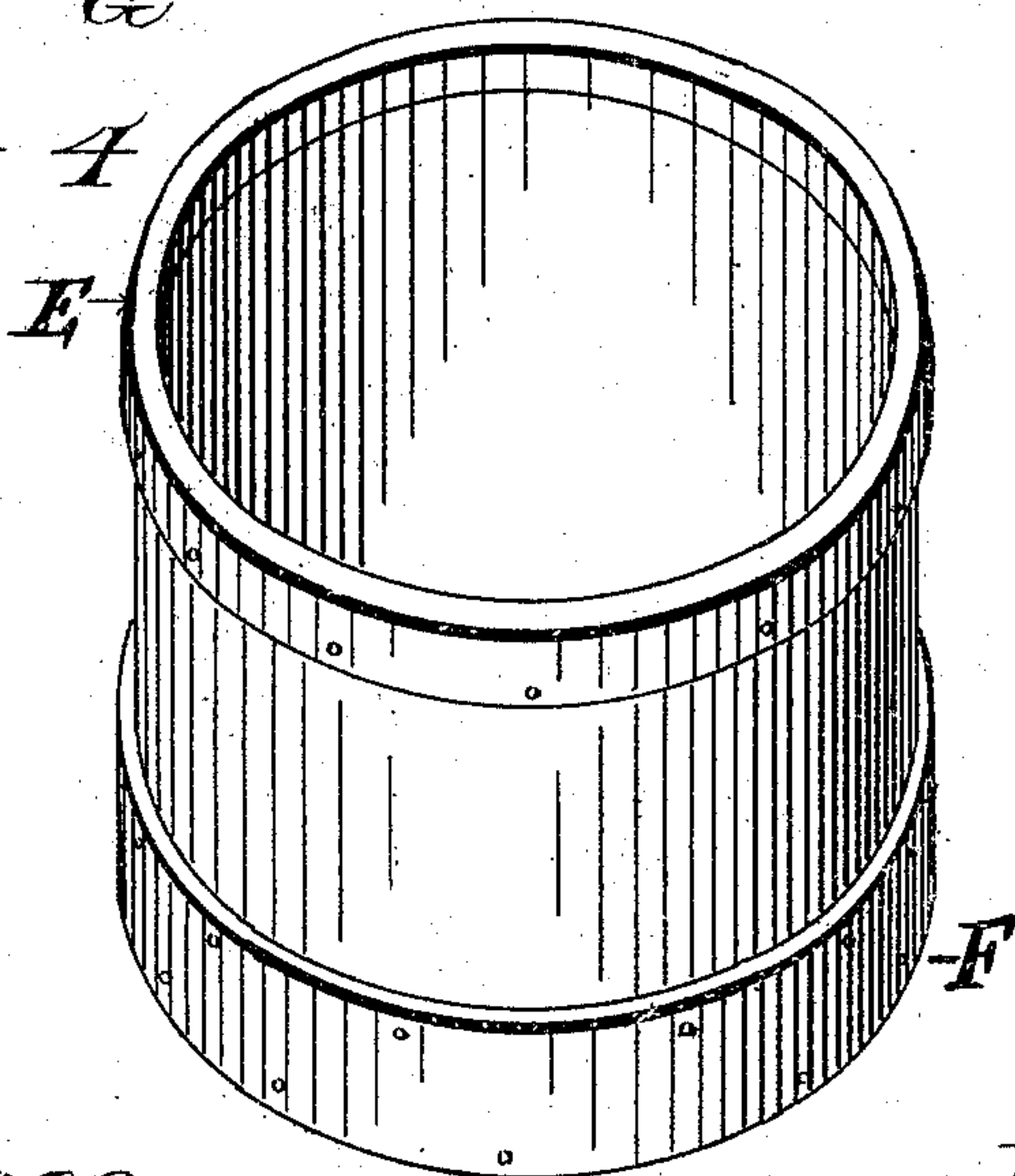


Fig. 4



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WOODEN MEASURE.

SPECIFICATION forming part of Letters Patent No. 229,231, dated June 29, 1880.

Application filed March 6, 1880. (Model.)

To all whom it may concern:

Be it known that I, JAQUE ARMANET, of Oswego city, in the county of Oswego and State of New York, have invented a new and
5 useful Improvement in Wooden Measures, of which the following is a specification.

This invention relates to wooden measures and to the manufacture thereof.

It consists in certain improvements in wooden
10 vessels made of veneers, and in the method or process of constructing them, which improvements are hereinafter more particularly set forth and claimed.

In the accompanying drawings, Figure 1 represents a perspective view of a cylindrical tubing of wooden veneer, from which lengths are to be cut to form the bodies of my measures. Fig. 2 represents a horizontal section through the body of one of my measures. Fig. 3 represents a vertical section through a portion of
20 the same, broken away to show the grain of the veneers; and Fig. 4 represents a perspective view of one of my measures.

In the manufacture of said measures I first
25 glue together three layers of veneer, the grain of the middle one running longitudinally of the strip thus formed, and the grain of the two other layers running transversely. I then bend the same, upon a suitable mandrel, into
30 the form of a cylinder, as shown in Fig. 1, using in this step of my process any known form of mechanism heretofore employed for shaping sheets into cylinders upon mandrels or blocks. I then cut the cylinder thus formed
35 into proper lengths for my measures. I then fit wooden bottoms to the sections thus formed and bind them at top and bottom with metal bands, thus completing my measures.

In the accompanying drawings, A designates the triple strip or layer of veneers forming the body of my measure, and consisting of outer layer, a , inner layer, a^2 , and intermediate layer, a' . Of these layers, a' is the only one which has its grain running up and down.
45 The grain of layers a and a^2 runs around the cylindrical body.

G designates a wooden bottom, which is attached to the lower edge of said body after the latter has been bent into shape.

E designates a metallic hat-shaped lining, 50 which is set into said measure so as to shield bottom G and body A on the inner side. The rim of this lining is bent over on the outside of the body, as shown at E', so that it forms an annular exterior bracing-band and shield 55 integral with the lining.

F designates an external metallic band surrounding bottom G and the lower part of the body A, and serving to strengthen and shield the same. 60

The bottom G extends beneath all the veneers a a' a^2 , which form the side walls or body A of the measure.

H designates a hoop which is located under bottom G and held in place by band F. This 65 external band, F, is riveted to hoop H.

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

1. Body A, consisting of cross-grain veneers 70 a a' a^2 , provided with bottom G, which extends under all of said veneers, and suitable means for holding them together, substantially as set forth.

2. Body A, consisting of cross-grain veneers 75 a a' a^2 , provided with bottom G, which extends under all of said veneers, hoop H, and plate F, substantially as set forth.

3. As an article of manufacture, a measure consisting of the body A, formed from three 80 cross-grain veneers, a lining, E, bent to brace the upper end thereof, a bottom, G, extending beneath the entire body, a hoop, H, below said bottom, and a band, F, attached to said hoop and said body, substantially as set forth. 85

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Witnesses:

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