

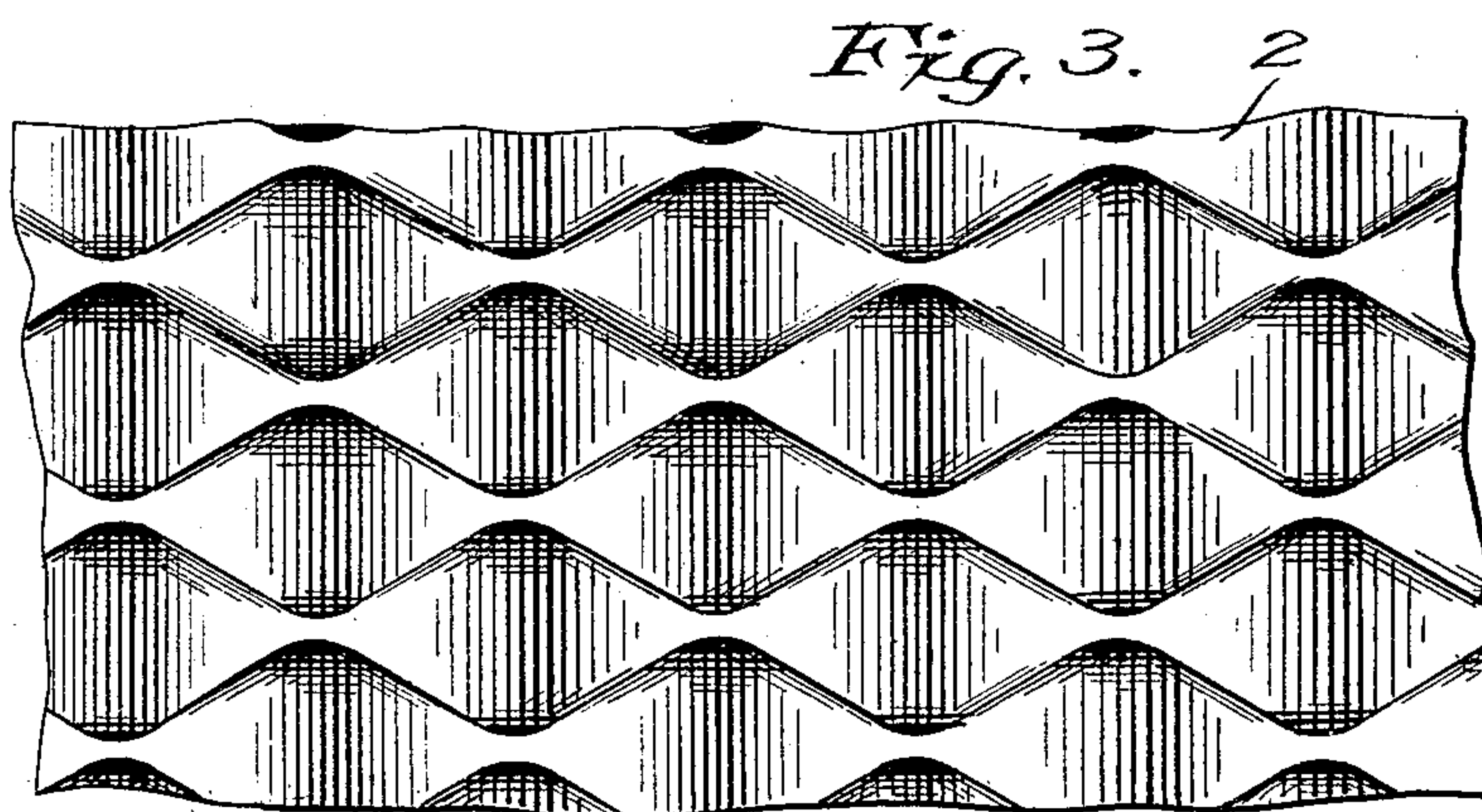
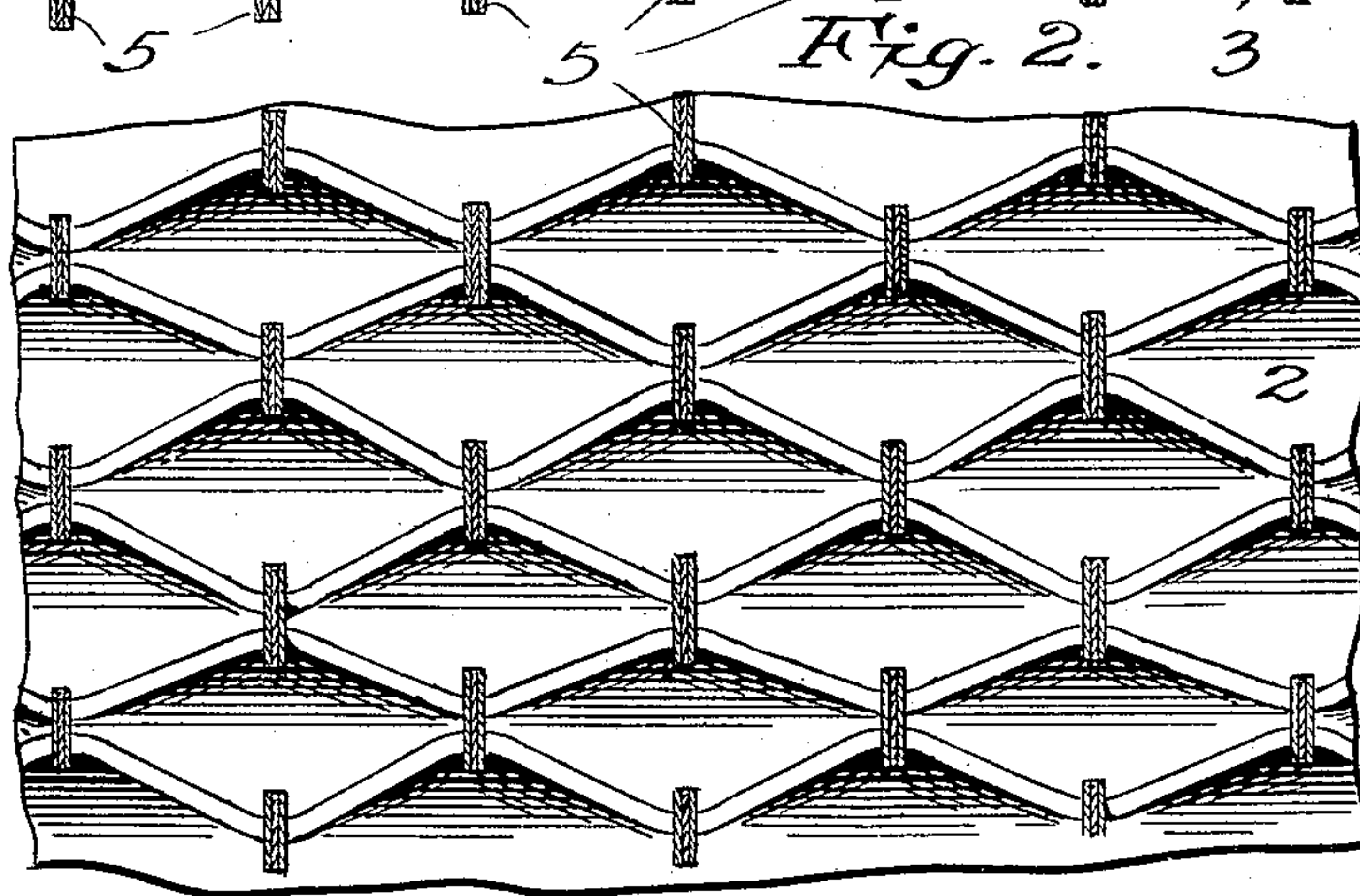
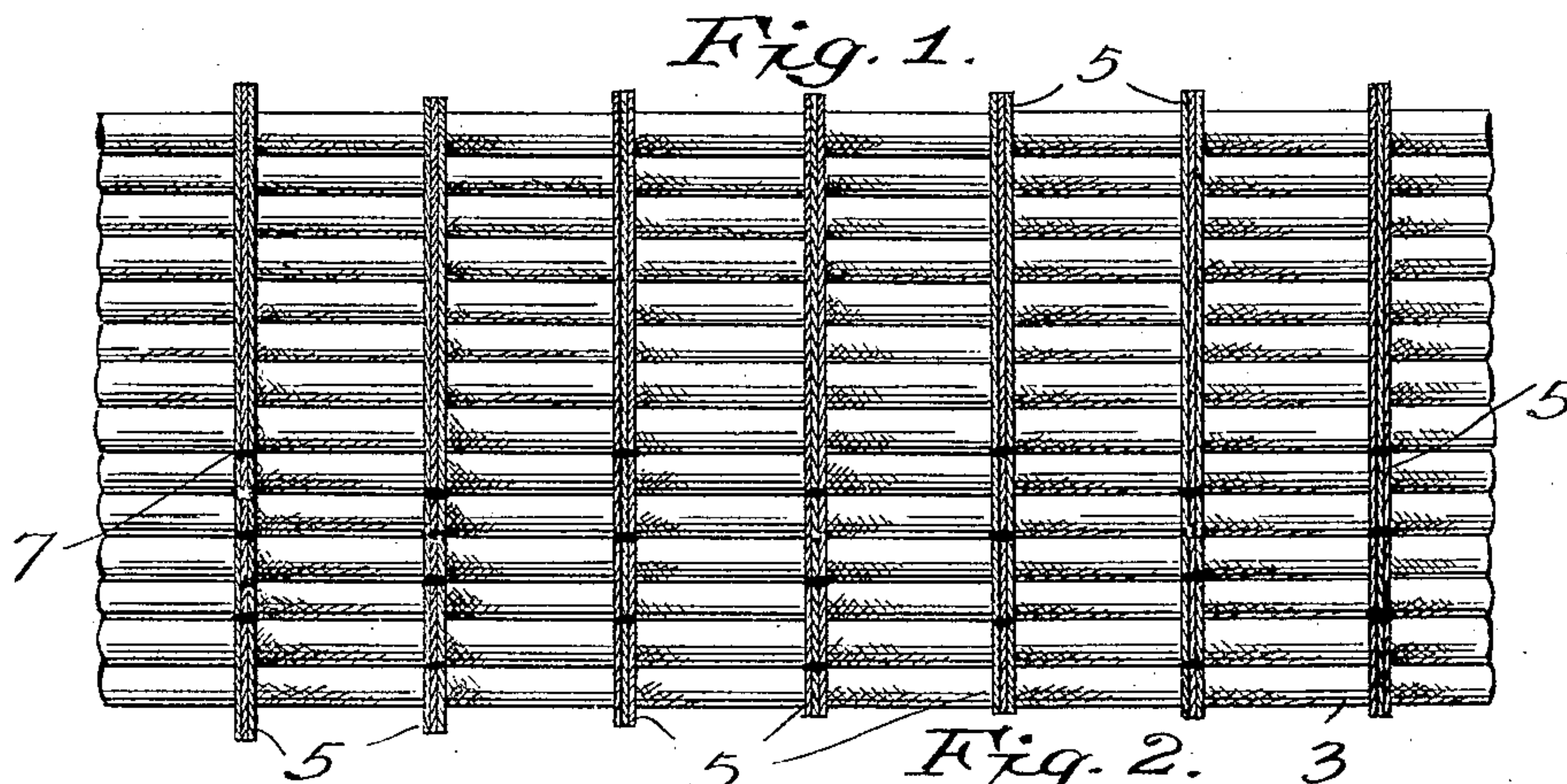
No. 615,985.

Patented Dec. 13, 1898.

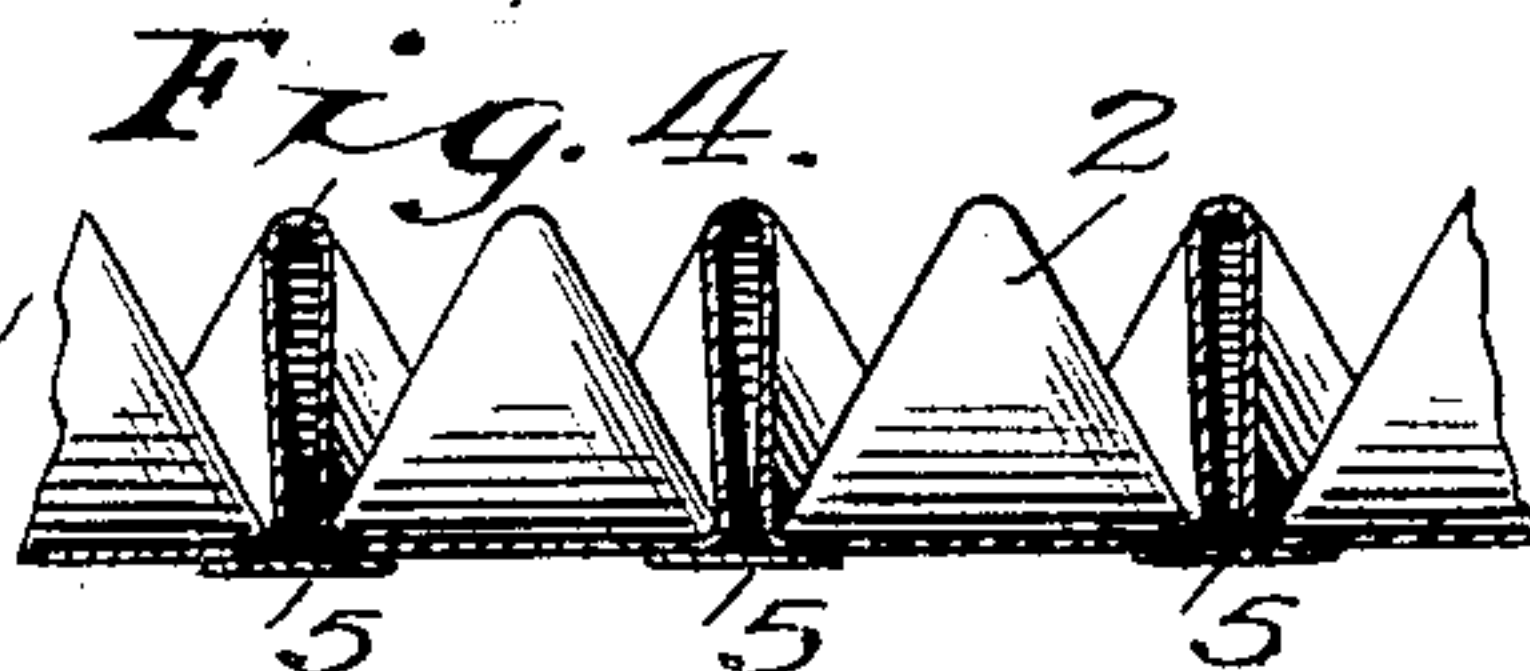
J. D. HATCHER.
PLAITED FABRIC.

(Application filed Dec. 22, 1896.)

(No Model.)



Witnesses;
C. E. Van Dorn
Richard Paul.



Inventor;
James D. Hatcher.
By
Paul Hawley
his Attorneys.

UNITED STATES PATENT OFFICE.

JAMES D. HATCHER, OF MINNEAPOLIS, MINNESOTA.

PLAITED FABRIC.

SPECIFICATION forming part of Letters Patent No. 615,985, dated December 13, 1898.

Application filed December 22, 1896. Serial No. 616,681. (No model.)

To all whom it may concern:

Be it known that I, JAMES D. HATCHER, of the city of Minneapolis, county of Hennepin, and State of Minnesota, have invented certain new and useful Improvements in Plaited Fabrics, of which the following is a specification.

This invention relates to improvements in plaited fabrics that are designed for use as casket-linings, but are applicable for other uses as well.

The object of the invention is to improve the appearance of fabrics of this class, to reduce the cost thereof, and particularly to accomplish a saving of the material.

This invention consists generally in a plaited fabric having its folds attached and connected by means of strips or tapes of cloth or like material secured to the bottoms of the folds, the strips or tapes being alternately attached, whereby when the fabric is drawn out the face thereof will present a series of puffs or plaits of regular shape or design.

The invention will be more readily understood by reference to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is a view of the under side or bottom of the plaited fabric, showing the strips thereon. Fig. 2 is a similar view showing the strips cut at alternate points between alternate plaits or folds, the fabric being drawn out to form the puffs or regular plaits. Fig. 3 is a front or face view of the finished fabric. Fig. 4 is a transverse section of the same.

In the drawings, 2 represents the cloth or other material of which the article is made. This is first folded to form a series of parallel folds 3. (See Fig. 1.) A series of tapes or strips 5 are then glued or pasted in parallel lines across the bottom folds or turns of the fabric, and these strips or tapes after being secured are cut or severed at points 7, thus leaving alternate points or plaits connected at alternate points, whereby as the fabric is

drawn out the regular diamond form or rectangular plaits will be formed.

Heretofore plaited fabrics have been formed by stitching or securing alternate plaits with thread or by simple metal clips, either of which fastenings takes up considerable material as the same is pinched or drawn together at the sides of the folds. The tapes herein shown are secured upon the bottoms or straight portions of the folds only and do not engage the sides of the folds, with the result that much of the material is saved. Further, the pasted strips or tapes cannot show through the material and will not tear through the folds, as do the threads or metal clips of other fabrics. A further advantage is that the tapes may be left uncut upon my fabric, so that the purchaser may cut the same in any way he wishes to form any particular design in the finished fabric.

It will be obvious also that the labor involved in the manufacture of my fabric is very much less than is required upon the fabrics of the ordinary kind.

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

1. The combination, of a plaited or folded piece of fabric, with the series of strips or tapes secured to alternate pairs of plaits, substantially as described.

2. The combination, of a plaited or folded piece of fabric, with two or more series or rows of short tapes pasted or glued to the bottoms of alternate pairs of parallel plaits at alternate points, substantially as described.

In testimony whereof I have hereunto set my hand this 28th day of November, A. D. 1896.

JAMES D. HATCHER.

In presence of—

C. G. HAWLEY,
RICHARD PAUL.