

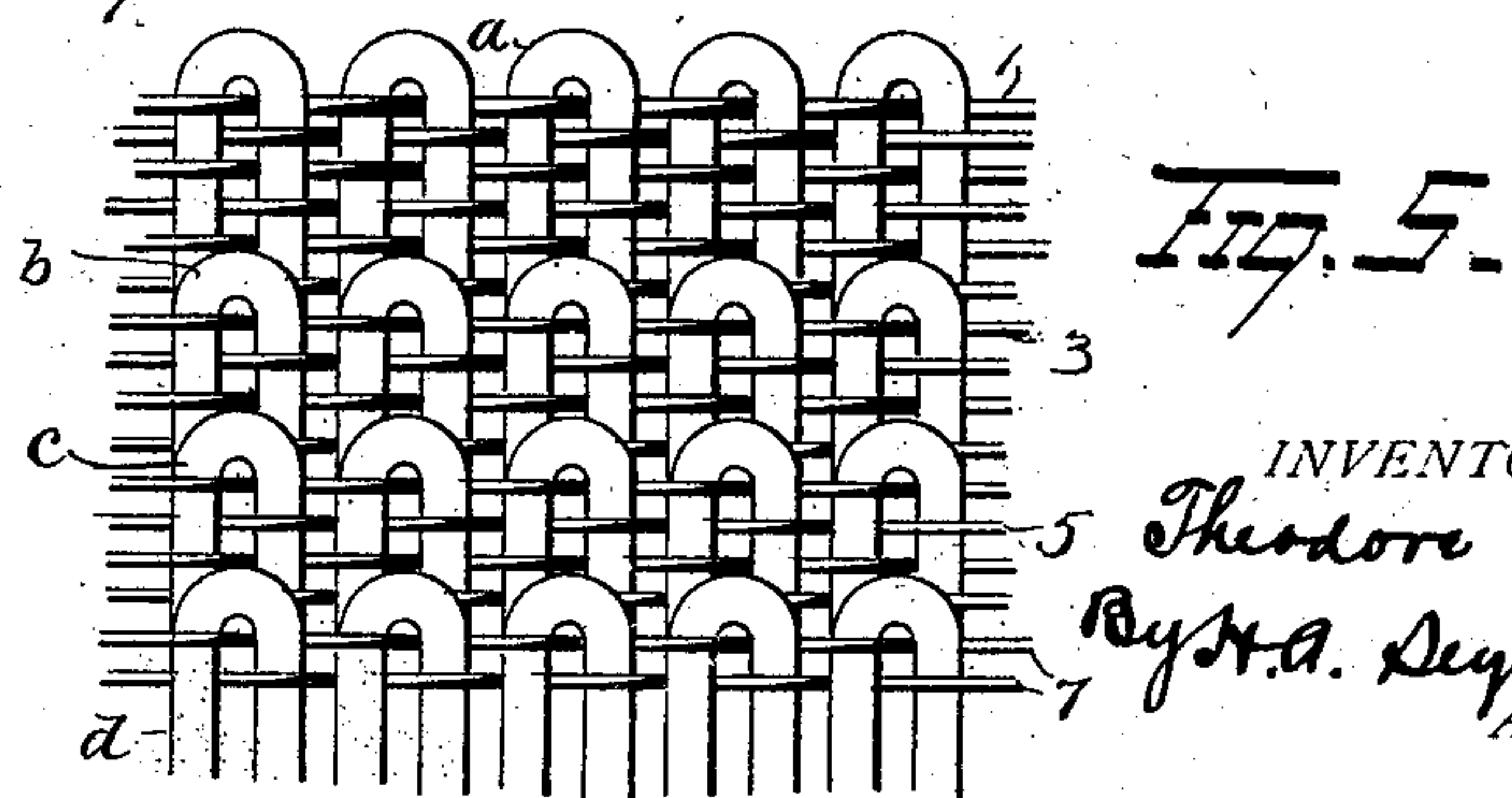
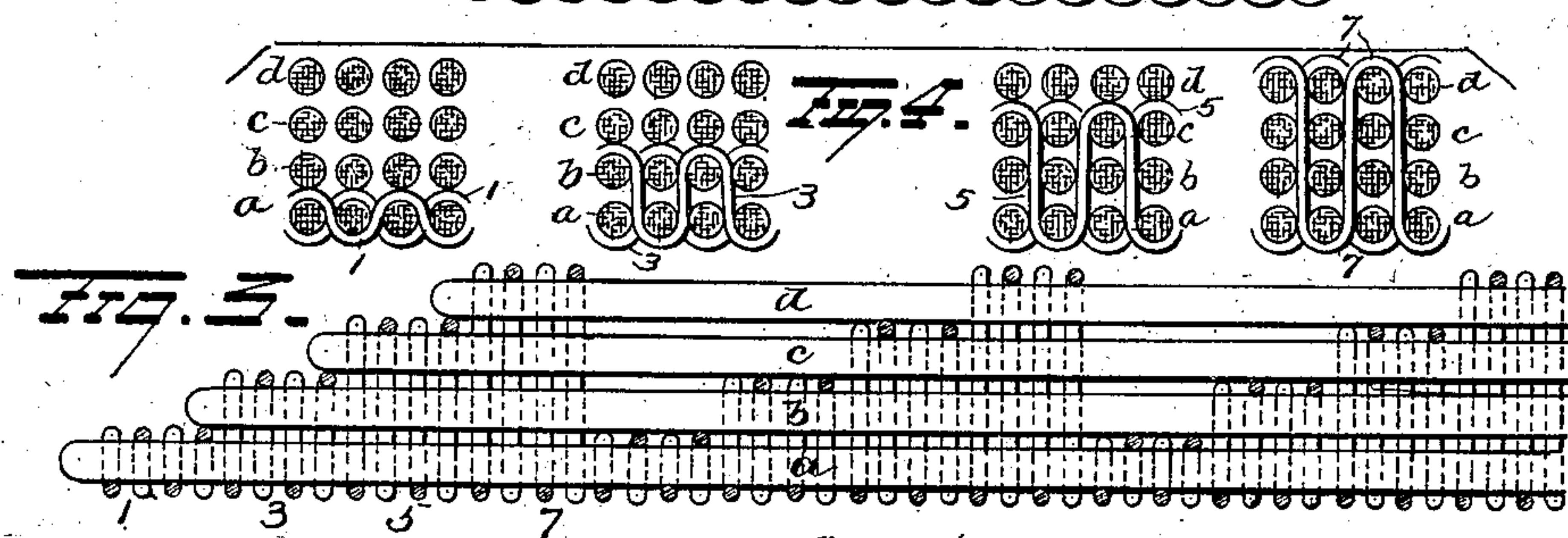
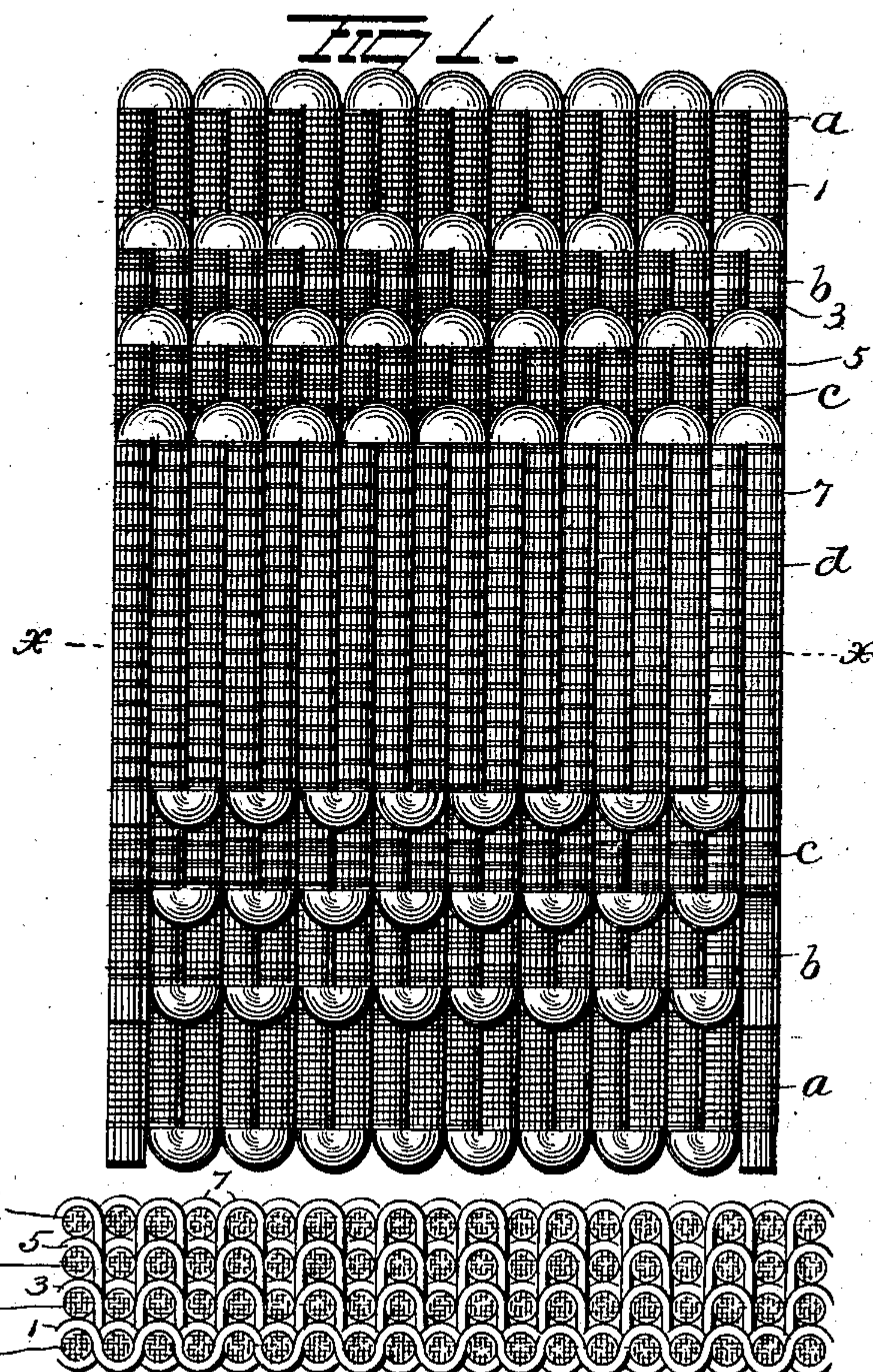
No. 708,630.

Patented Sept. 9, 1902.

T. FANTA.
WOVEN FABRIC.

(Application filed Oct. 3, 1901.)

(No Model.)



WITNESSES
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UNITED STATES PATENT OFFICE.

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WOVEN FABRIC.

SPECIFICATION forming part of Letters Patent No. 708,630, dated September 9, 1902.

Application filed October 3, 1901. Serial No. 77,479. (No specimens.)

To all whom it may concern:

Be it known that I, THEODORE FANTA, a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Woven Fabrics; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in woven fabric, the object of the invention being to provide an improved border, consisting of several layers or weft-planes of varying widths to expose portions of each and every plane.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view of the border. Fig. 2 is a sectional view on the line *xx* of Fig. 1, and Figs. 3, 4, and 5 are enlarged detail views.

My improved border comprises a series of weft-planes *a*, *b*, *c*, and *d*, secured one on top of the other by the warp-threads 1, 3, 5, and 7, respectively, and said weft-planes being of varying widths, so as to expose the respective edges of each, and as the several weft-planes may be of different colors a neat and attractive border is the result. The weft-plane *a* has the warp-threads 1 woven about the same. Warp-thread 3 extends over weft-plane *b* and securely ties the same to weft-plane *a*. Warp-thread 5 extends over weft-plane *c* and ties the same to *a* and *b*, and warp-thread 7 extends over weft-plane *d* and securely ties the same to *a*, *b*, and *c*, thus forming a border in which each weft-plane will be securely woven into the border by a separate and independ-

ent warp. The border thus comprises several weft-planes secured centrally, one upon the other and of varying widths, hence exposing the respective edges of every underlying weft-plane, which edges are preferably tufted owing to the turning of the weft-threads, and as the several weft-planes can be of various colors to form any desired combination of colors a neat and attractive border can be formed of as many weft-planes as desired.

Various slight changes might be resorted to in the general form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I would have it understood that I do not wish to limit myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. A woven fabric consisting of several weft-planes located one on top of the other and warp-threads separately securing each of said weft-planes to the plane or planes below the same.

2. A woven fabric consisting of several weft-planes, warp-threads separately securing each of said weft-planes to the plane or planes below the same, and the side edges of the several weft-planes projecting beyond the one next above.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

THEODORE FANTA.

Witnesses:

CARL ELTENBOGER,
ARNOLD FANTA.