

(No Model.)

S. GARRETT.
FRINGED FABRIC.

No. 252,875.

Patented Jan. 31, 1882.

FIG. 1.

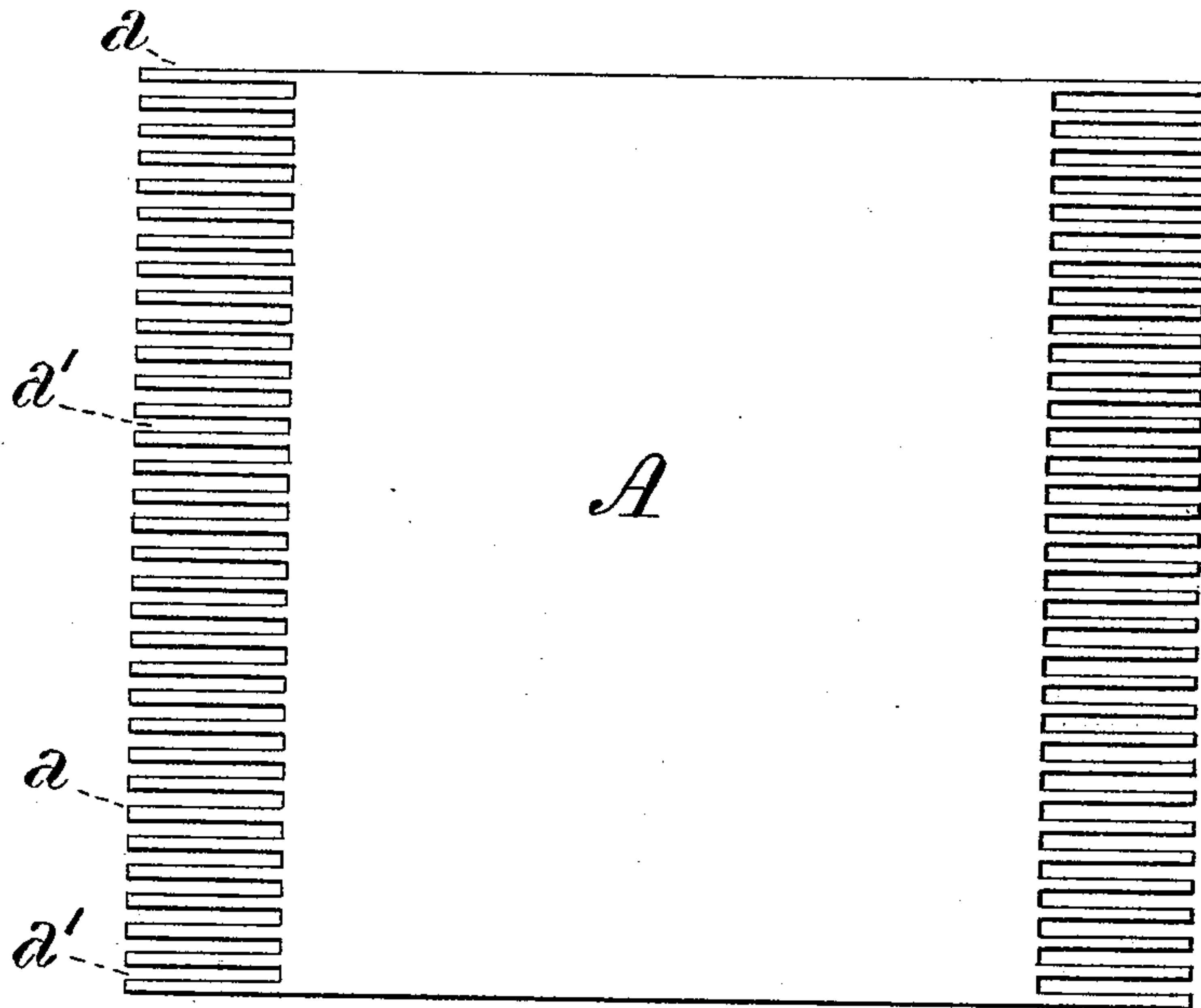
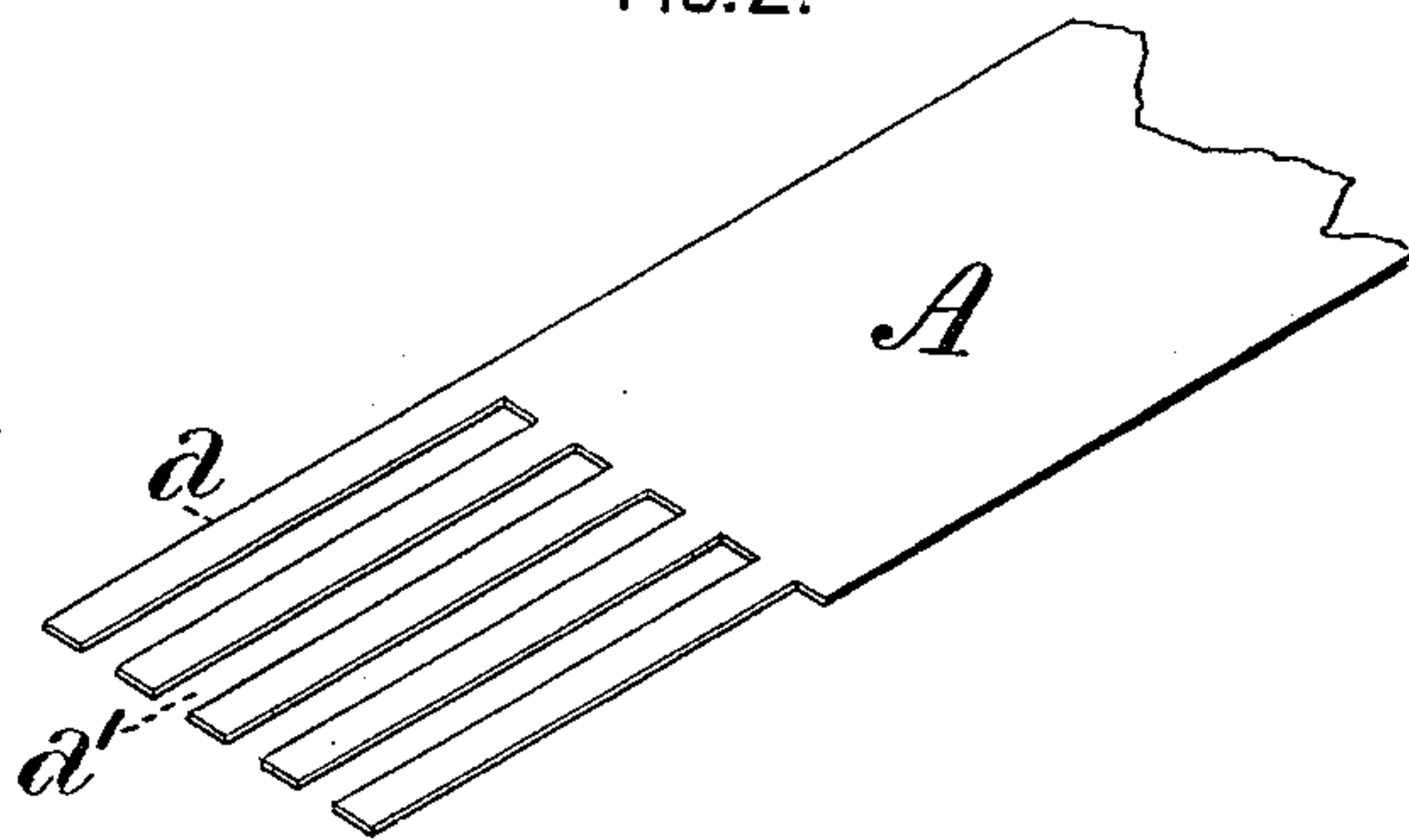


FIG. 2.



WITNESSES.

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UNITED STATES PATENT OFFICE.

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FRINGED FABRIC.

SPECIFICATION forming part of Letters Patent No. 252,875, dated January 31, 1882.

Application filed August 26, 1880. (No model.)

To all whom it may concern:

Be it known that I, SYLVESTER GARRETT, of the city and county of Philadelphia, in the State of Pennsylvania, have invented a certain
5 new and useful Improvement in Fringed Fabrics, of which improvement the following is a specification.

The object of my invention is to provide a neat, ornamental, and durable fringed fabric,
10 to be used for paper napkins, box-linings, wrappings for candies and fancy articles, and various decorative purposes; to which ends my improvement consists in a section of paper, leather, or textile fabric having a fringe upon one
15 or more of its edges, consisting of a series of strips or shreds separated one from the other by the entire removal of the intervening material, as hereinafter more fully set forth.

In the accompanying drawings, Figure 1 is
20 a view in elevation of a sheet or section of fringed fabric embodying my invention, and Fig. 2 a perspective section, on an enlarged scale, through a portion of the same.

Heretofore in the manufacture of fabrics for
25 certain uses not analogous to those for which my material is designed the edges of the fabric have been notched or serrated; but prior to my invention, so far as my knowledge and information extend, the manufacture of fringed
30 fabrics of the class to which said invention relates has been conducted only in a single way, to wit, by forming a series of slits or cuts in the edges of the sheets or sections by clipping the same with knives or shears, thereby effect-
35 ing a partial separation without removing any of the material of the fabric. Such process of manufacture is slow and expensive, for the reason that it is impracticable to clip many sections simultaneously, and the product is de-
40 fective and unsatisfactory, as the shreds or strips constituting the fringe become matted or entangled when the sheets are packed together, and the latter, while being separated by the operatives employed in their final adapt-
45 ation to use, are very liable to be torn and de- faced, besides requiring to be slowly and carefully handled.

To carry out my invention I form a fringe upon one or more sides of a sheet or section of paper, leather, or other analogous fabric, A, by
50 removing therefrom a series of segments of the material by the application of cutting or punching mechanism, the portions of the material *a*, which remain intact, adjacent to the slots or notches *a'*, resultant upon the removal of the
55 material, constituting the strips or shreds of the fringe. The material thus produced presents a fringed edge, the edges consisting of a series of parallel-sided strips or shreds, *a*, separated by the correspondingly shaped slots
60 or notches *a'*. The manufacture is most desirably and economically conducted by clamping or compressing a number of sheets or sections of material firmly together, and forming the slots or notches therein at a single opera-
65 tion. This may be effected by the action of a series of rapidly-rotating circular saws, or by cutting or punching dies, and I have further devised certain improvements in mechanism for the purpose, which do not constitute part
70 of my present invention, and need not therefore be herein set forth.

My improved fringed fabrics are susceptible of various applications, and from their cheap-
75 ness, durability, ornamental appearance, and facility of adaptation to the purposes for which they are required, constitute a novel and useful improvement in the trade.

I claim as my invention and desire to secure
80 by Letters Patent—

As a new article of manufacture, a sheet or section of paper, leather, or textile fabric hav-
ing upon one or more of its edges a fringe con-
sisting of a series of parallel-sided strips or
85 shreds, separated one from the other by similarly-shaped notches or slots formed by the complete removal of the intervening material of the fabric, substantially as set forth.

SYLVESTER GARRETT.

Witnesses:

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D. L. COLLIER.