

(No Model.)

C. A. LINNEMANN.

SILK FRINGE.

No. 305,696.

Patented Sept. 23, 1884.

Fig. 1.

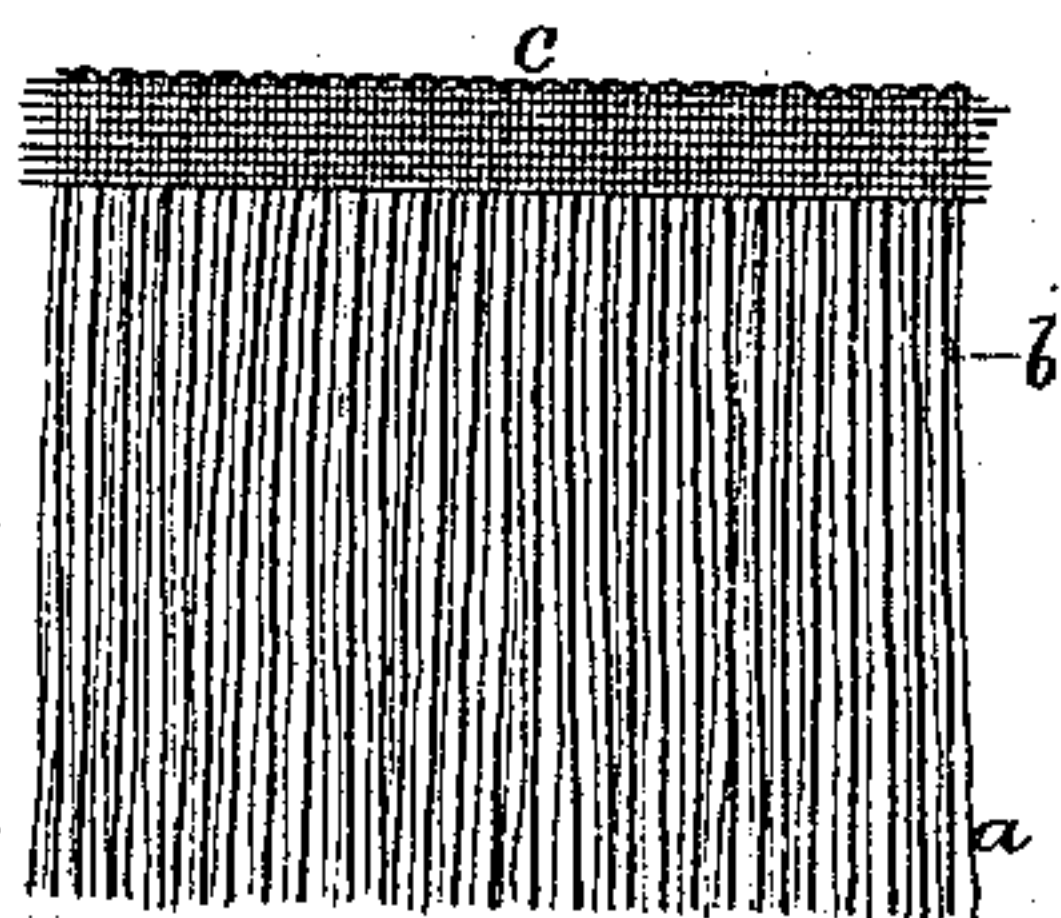
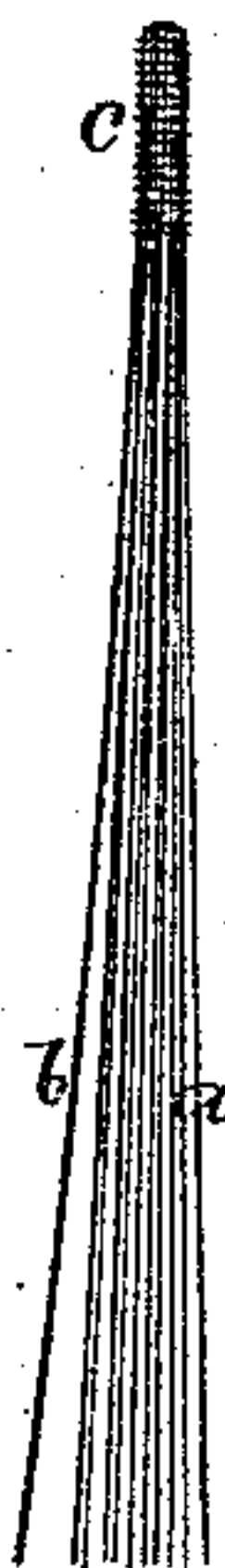


Fig. 2.



Fig. 3.



Witnesses.

S. N. Piper
Chas. F. Daniels

Inventor.

Clement August Linnemann.
by R. H. Eddy atty.

UNITED STATES PATENT OFFICE.

CLEMENT AUGUST LINNEMANN, OF BOSTON, MASSACHUSETTS.

SILK FRINGE.

SPECIFICATION forming part of Letters Patent No. 305,696, dated September 23, 1884.

Application filed June 18, 1883. (No specimens.)

To all whom it may concern:

Be it known that I, CLEMENT AUGUST LINNEMANN, of Boston, in the county of Suffolk, of the Commonwealth of Massachusetts, have invented a new and useful Improvement in Silk-Fringes; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

10 Figure 1 is a front view, and Figs. 2 and 3 transverse sections, of a fringe of my improved kind, such Figs. 2 and 3 being on an enlarged scale.

15 The fringe is a compound one, and consists of a continuous range or mass, *a*, of separate filaments or threads of "tram-silk" of one color, laid side by side, and a continuous auxiliary range, *b*, of twisted silk or of spun threads of a different color, arranged side by side and at or about equal distances apart, and superficially on one or each side of the first range or mass, and a connecting band or sel-
20 vage, *c*, woven with and upon or otherwise fixed to the said filaments and spun threads, so as to fasten them together at one edge of the fabric, they at the other edge of the fabric being disconnected, so as cause the whole to be an ornamental fringe, the tram-silk of which will more or less appear and project between the spun-silk threads, and cause the
25 whole to have an ornamental or pleasing appearance to the eye of an observer.

35 I usually have the main range of tram-silk filaments of a very light blue color, and each of the superficial ranges of spun-silk threads

of a yellow or gold color; but I do not desire to confine the manufacture or fabric to such colors.

I am aware that a design has been devised for fringes in which there is a main row of straight threads, on one side of which and to its heading are festooned loops or bunches of threads at distances apart.

My fringe consists of two or more continuous ranges of different kinds of threads, arranged side by side the entire length of the fringe, so as that the outer or upper range form a front between the threads of which the threads of the inner or under range appear and project, forming a varied effect.

What I claim is—

As a new or improved article of manufacture, the compound fringe, substantially as described, consisting of a continuous mass or range, *a*, of filaments of tram-silk, arranged side by side and in contact or closely together, a continuous mass or range, *b*, of spun-silk threads, also laid side by side and at short intervals apart, and upon one or each of the opposite sides of the tram-silk mass superficially thereof, and, finally, a band or sel-
55 vage, *c*, woven upon or otherwise fixed at one edge of the fabric to the separate filaments, and threads composing the two ranges or masses, all essentially as represented.

CLEMENT AUGUST LINNEMANN.

Witnesses:

R. H. EDDY,
E. B. PRATT.