

(Specimens.)

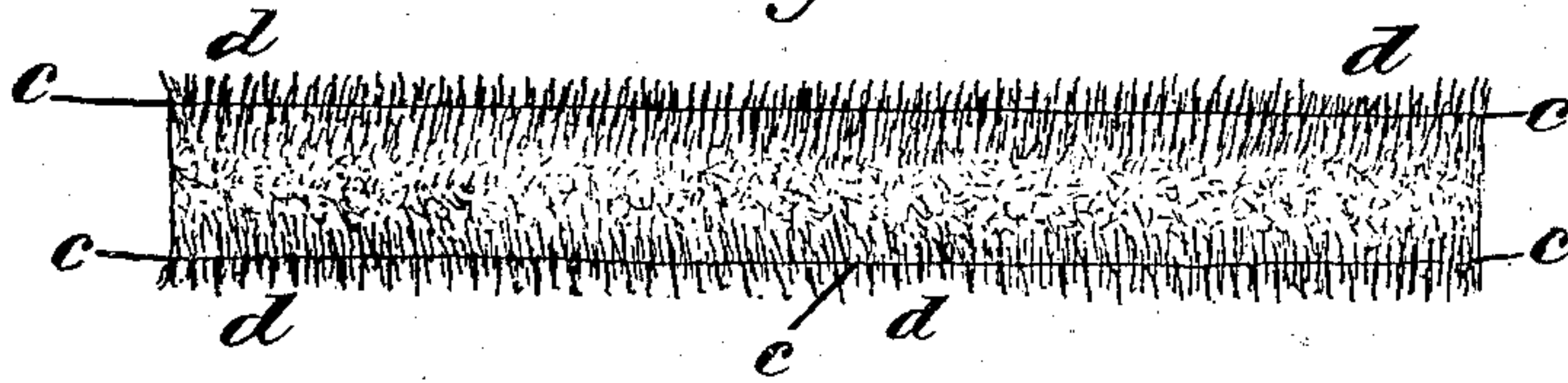
F. LANDENBERGER.

CHENILLE.

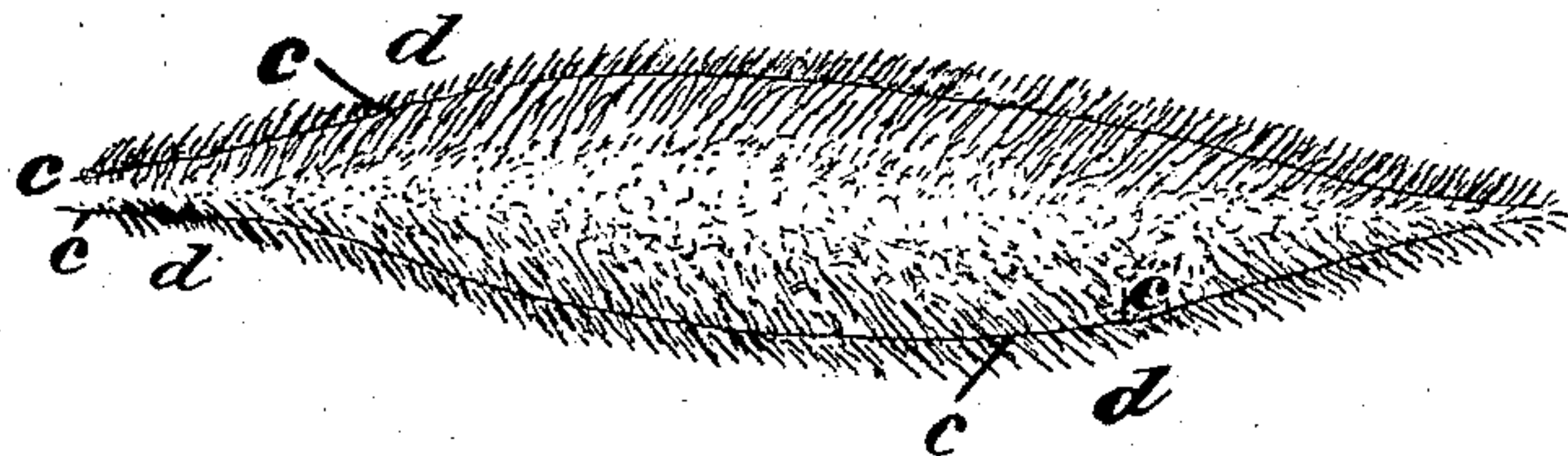
No. 368,722.

Patented Aug. 23, 1887.

*Fig.1.*



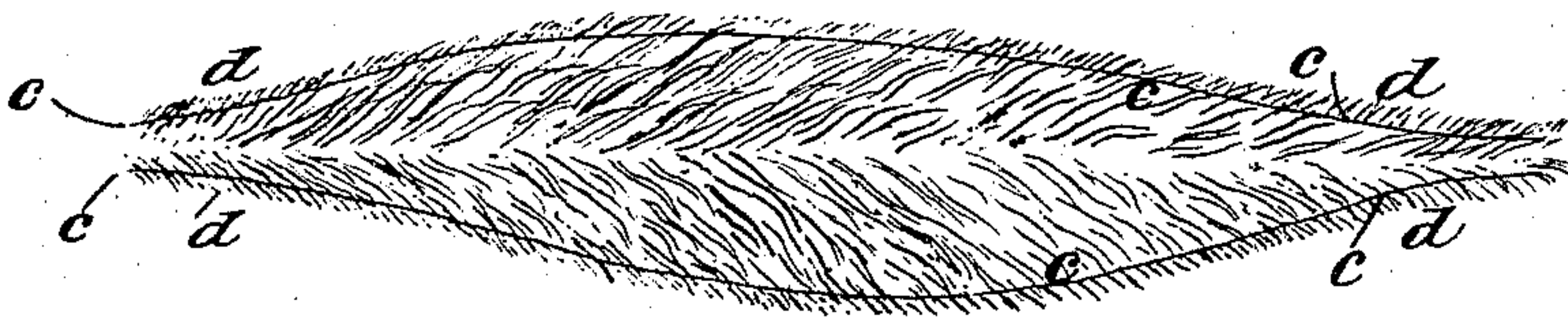
*Fig.2.*



*Fig.3.*



*Fig.4.*



*Witnesses.*

*Emil Herter*

*O. Sundgren*

*Inventor*

*Frederick Landenberger*  
*by his atty*  
*Brown & Hall*



# UNITED STATES PATENT OFFICE.

FREDERICK LANDENBERGER, OF NEW YORK, N. Y., ASSIGNOR TO HUGO MAUL & CO., OF SAME PLACE.

## CHENILLE.

SPECIFICATION forming part of Letters Patent No. 368,722, dated August 23, 1887.

Application filed December 16, 1886. Serial No. 221,780. (Specimens.)

*To all whom it may concern:*

Be it known that I, FREDERICK LANDENBERGER, of the city and county of New York, in the State of New York, have invented a  
5 new and useful Improvement in Chenille, of which the following is a specification.

In chenille as heretofore made the fibers which are held between the twisted longitudinal strands lie closely together, and give the  
10 chenille, whether it be a plain straight chenille or a figured chenille having swells or enlarged portions at intervals in its length, a substantially uniform and close surface, and the fibers in any plane transverse to the length of the  
15 chenille are of substantially uniform length.

The object of my invention is to improve the appearance of chenille and to obtain a beautiful effect which is novel in such chenille.

The invention consists in a chenille having  
20 scattered throughout its body fibers which are longer than the body fibers and which project beyond the general surface of the chenille. By the use of the long projecting and scattered fibers, whether they be made of a contrasting  
25 material or contrasting color, or both, relatively to the body fibers, I obtain beautiful effects which have not before been produced in chenille.

In the accompanying drawings I have shown  
30 as clearly as is possible by the use of black ink different varieties of my improved chenille.

Figure 1 represents a plain straight piece of chenille embodying my invention. Fig. 2 represents a round ornament pointed at both  
35 ends. Fig. 3 represents a piece of figured chenille having swells or enlarged portions at intervals in its length, and Fig. 4 represents a chenille imitation feather embodying my invention.

40 Similar letters of reference designate corresponding parts in all the figures.

In all the figures, *c* designates the outline of the body portion of the chenille shown by full lines, and *d* designates the longer fibers, which

project beyond the general outline or surface 45 of the chenille. The chenille may be made by the machine shown and described in my application, Serial No. 237,308, filed May 6, 1887, and the body fibers in any transverse plane are usually all of substantially the same 50 length and give a uniform appearance to the surface. To break up and relieve such uniformity of surface, I embody in the chenille fibers *d*, which are longer than the body fibers that terminate at the line *c*, and which there- 55 fore project considerably beyond the surface *c*, formed by the body fibers. The fibers which make up the body of the chenille and terminate at the line *c* are close together, as is usual; but the reverse arrangement is given the long 60 fibers *d*, and they are more or less isolated from one another, and are scattered either regularly or irregularly throughout the fabric, and always project more or less beyond the body 65 fibers adjacent to them. By using long fibers of materials or colors different from those which make the body of the chenille, novel and beautiful effects in almost endless variety may be produced without materially increasing the 70 cost of the fabric.

I am aware that it is not new to make a pile fabric—such as plush—with long fibers projecting at intervals on one surface and from the general surface formed by the pile of the filling-fibers, and I do not claim such feature 75 as of my invention.

What I claim as my invention, and desire to secure by Letters Patent, is—

The chenille herein described, having scattered throughout its body fibers which are 80 longer than the body fibers and which project in all directions beyond the general surface of the filling of the chenille, substantially as herein described.

FREDERICK LANDENBERGER.

Witnesses:

C. HALL,

HUGO MAUL.