

(Model.)

G. F. HENSEL.

METHOD OF MANUFACTURING CHENILLE.

No. 266,147.

Patented Oct. 17, 1882.

FIG. 1.



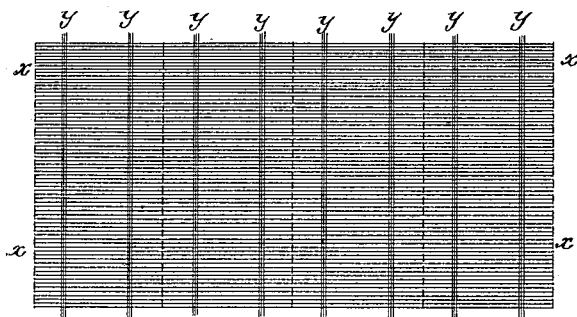
FIG. 2.



FIG. 3.



FIG. 4.



Witnesses:  
Harry Drury  
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# UNITED STATES PATENT OFFICE.

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## METHOD OF MANUFACTURING CHENILLE.

SPECIFICATION forming part of Letters Patent No. 266,147, dated October 17, 1882.

Application filed May 5, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, GEORGE F. HENSEL, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented an  
5 Improvement in the Method of Manufacturing Chenille, of which the following is a specification.

The object of my invention is to make chenille of a more attractive character than usual  
10 without incurring any additional expense in the manufacture, and this object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawings, in which—

15 Figure 1 is a view of a piece of chenille made in the ordinary manner; Fig. 2, a view of a piece of my improved chenille; Fig. 3, a view showing the method of twisting up the same, and Fig. 4 a diagram showing the method  
20 of cutting the woven web to form my improved chenille.

In making ordinary chenille weft-threads *x* are combined with warp-threads *y*, arranged so as to form bands with intervening spaces,  
25 and the wefts are then cut between the bands of warps, so as to produce a series of strips, each consisting of a central woven band with threads projecting from each side of the same. These strips are then twisted, so that the pro-  
30 jecting threads form spirals with cut edges, as shown in Fig. 1.

I desire to vary the character of the chenille by alternating spirals having cut edges with spirals having uncut or looped edges, as  
35 shown in Fig. 2; and to do this I discard the usual method of cutting the web to form the strips, and so sever the said web that each

strip shall contain at least two bands of warp-threads, the dotted lines, Fig. 4, for instance, showing how the web is cut to produce the  
40 chenille shown in Fig. 2. In twisting the strip the latter is first caused to fold on a line centrally between the warps and parallel therewith, the cut edges of the strip being brought together, as shown in Fig. 3, and as  
45 the twisting progresses the folded strip is coiled, as shown, the spirals having cut edges alternating with other spirals having looped or uncut edges, due to the longitudinal folding  
50 of the strip on a line between and parallel with the warp-bands.

My improved chenille can be manufactured without any increase in cost as compared with ordinary chenille, because, owing to the folding of the strip, the warps and wefts used  
55 in producing the woven web may be lighter than those ordinarily used.

I claim as my invention—

The method herein described of making chenille, said method consisting in weaving a  
60 web having spaced warped bands, as described, then cutting said web into strips, each having two or more warp-bands, and then twisting these strips, whereby they are first caused to fold in the center, and then to assume  
65 a spiral form, as set forth.

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

GEORGE F. HENSEL.

Witnesses:

HARRY DRURY,  
HARRY SMITH.