

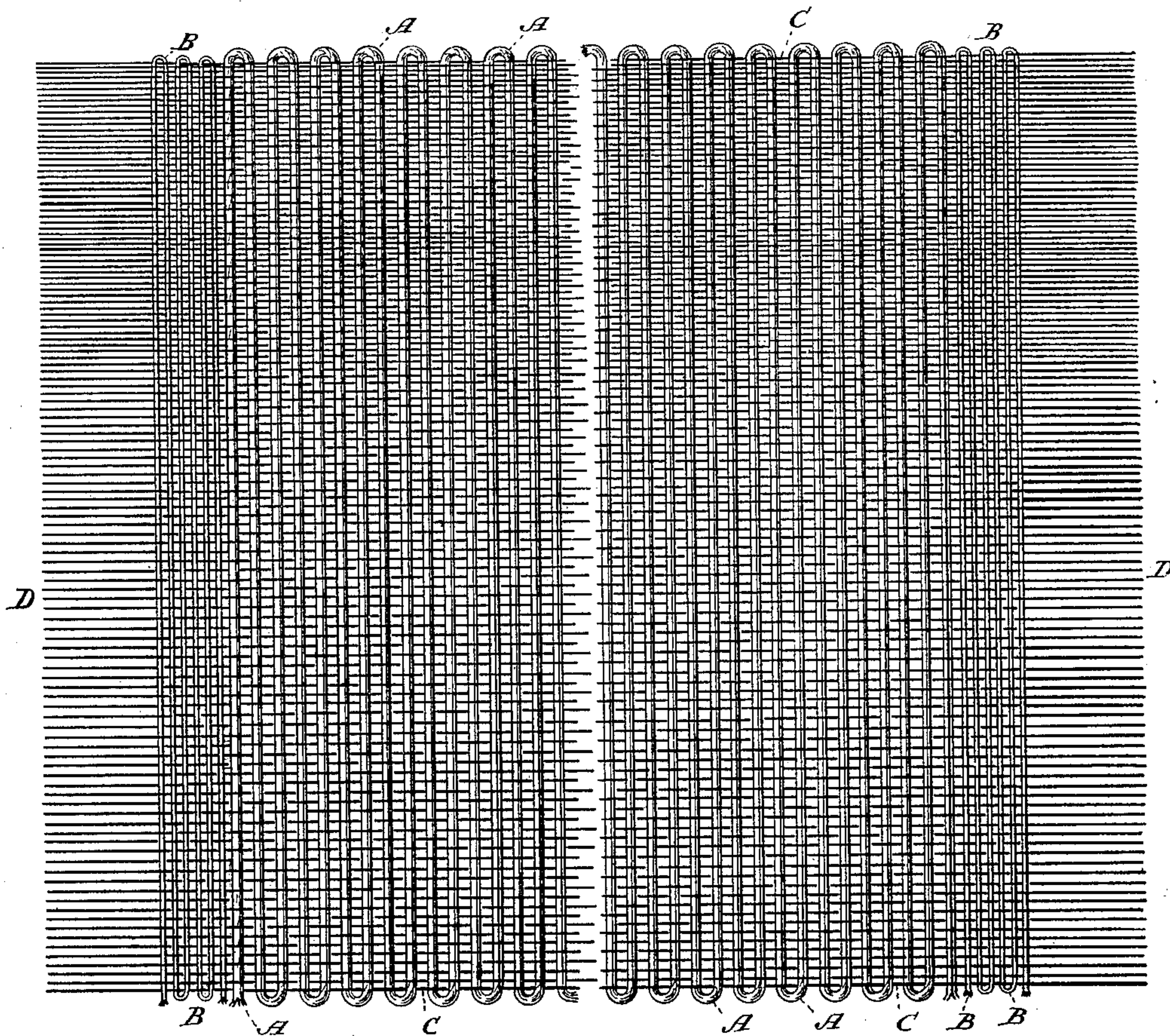
(No Model.)

E. H. EISENHART.

RUG.

No. 359,503.

Patented Mar. 15, 1887.



WITNESSES:

Edward Wolff.

Ad Shaw

INVENTOR

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BY

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# UNITED STATES PATENT OFFICE.

EDWARD H. EISENHART, OF NEW YORK, N. Y.

## RUG.

SPECIFICATION forming part of Letters Patent No. 359,503, dated March 15, 1887.

Application filed December 21, 1885. Serial No. 186,315. (No specimens.)

*To all whom it may concern:*

Be it known that I, EDWARD H. EISENHART, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Rugs, of which the following is a specification,

The invention relates to rugs; and it consists, essentially, of a rug made wholly of jute, a coarse yarn being employed for the filling and a fine yarn for the warp, the ends of the fine yarn being permitted to extend beyond the filling for the purpose of forming a fringe, and both sides of the rug being the same, so that either side may be used uppermost.

The object of the invention is to produce a durable rug which may be manufactured on the usual power-loom at small expense, and which will have a good appearance and be the same on both sides. In carrying the invention into effect I make use of jute yarn of various colors in order to add to the ornamental appearance of the rug. The yarn for the filling should be of the coarsest kind that can be appropriately used for the purpose—say yarn weighing about seventy pounds to the spaniel of fourteen thousand four hundred and forty yards—since thereby the rug is given a substantial body, is rendered strong and durable, and has imparted to it a desirable appearance, while the yarn for the warp should be of a fine grade—say that weighing about eight pounds to the spaniel of fourteen thousand four hundred and forty yards—this being essential in order to produce a rug of suitable finish and quality, and to form a fringe at the ends of the rug which will be full and close and add to the ornamental character of the article. The last few picks—say about six—of the filling at each end of the rug will be of fine yarn, the object of this arrangement being to permit the warp-yarn to come into close relation and prevent the raveling out of the filling at the ends of the rug.

In the accompanying drawing, which illustrates a portion of a rug made according to the invention, A denotes the coarse yarn used for the filling; B, the fine yarn which forms a few picks of the filling at each end of the rug,

and C the fine yarn constituting the warp and the fringe D. The present invention renders it practicable to manufacture wholly from jute-yarn rugs which are attractive, durable, and inexpensive, this being a result which, it is believed, has never before been attained.

I have given above the exact weight of the jute yarn that I have uniformly used with success in the manufacture of rugs wholly from jute, but do not wish to limit the application to the precise weight mentioned, since the same may be raised within certain limits without departing from the scope of the invention. The jute yarn for the filling should in all cases be about from eight to ten times heavier than the yarn for the warp-threads.

I am aware that it has been attempted to utilize jute in the manufacture of rugs, but I believe that never before my present invention has a rug been successfully produced wholly from jute yarn.

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

1. As a new article of manufacture, a rug made wholly from jute yarn and being the same on both sides, the filling being of a coarse yarn, the warp of fine yarn, and the ends of the warp-threads extending beyond the filling and forming a fringe, the yarn for the filling being from eight to ten times heavier than that for the warp, substantially as and for the purposes set forth.

2. As a new article of manufacture, a rug made wholly from jute yarn and being the same on both sides, the filling except at the ends of the rug being of coarse yarn and at the ends of fine yarn, and the warp being of fine yarn with the ends thereof extending beyond the filling and constituting a fringe, the said coarse jute yarn being about from eight to ten times heavier than that for the warp, substantially as and for the purposes set forth.

Signed at New York, in the county of New York and State of New York, this 16th day of December, A. D. 1885.

EDWARD H. EISENHART.

Witnesses:

CHARLES C. GILL,  
EDWARD WOLFF.