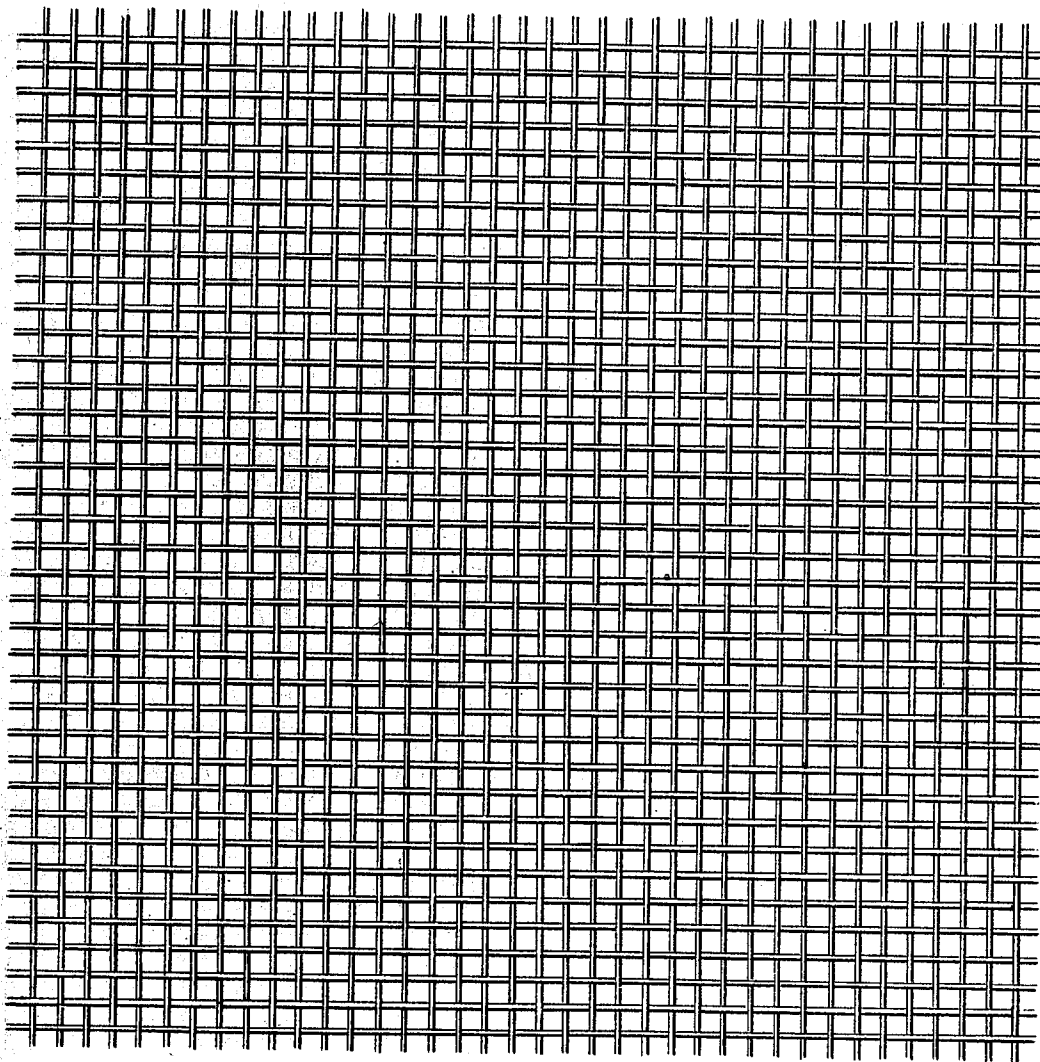


J. E. CHASE & G. CANFIELD.

NETTING.

No. 182,892.

Patented Oct. 3, 1876.



Witnesses:

Leure, F. Brous?

A. P. Grants

Inventors

John E. Chase
Galen Canfield

by J. H. Deane
att'y.

UNITED STATES PATENT OFFICE.

JOHN E. CHASE AND GALEN CANFIELD, OF TOM'S RIVER, NEW JERSEY.

IMPROVEMENT IN NETTING.

Specification forming part of Letters Patent No. **182,892**, dated October 3, 1876; application filed October 30, 1875.

To all whom it may concern:

Be it known that we, JOHN E. CHASE and GALEN CANFIELD, both of Tom's River, in the county of Ocean, and State of New Jersey, have invented a new and useful Improvement in Netting; and we do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which our invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawing, making part of this specification, in which the figure is a face view.

Our invention consists of a netting which is of a flexible nature and will not crack, has clear meshes, is exceedingly durable, and is an imitation of wire-netting, with all its advantages and without its defects, being more easily produced and at a less expense.

In the manufacture of our netting we proceed as follows: We employ for the warp and filling cotton thread, single or doubled and twisted, and stretch and brush or smooth the same, and then proceed to weave. During the operation of weaving, the filling-threads, as above prepared, are run through size, so as to cause them when dry to adhere to the warp-

threads at the points of crossing, and produce a fabric that may be handled. The fabric is then removed from the loom, and placed on a frame where it is stretched, and it is afterward painted, thus completing the operations.

It will be seen that the product is superior, and is an imitation of wire-netting, but without the liability to rust, costs less, and is more durable. It is flexible throughout, and will not lose shape when bent or handled. It will not crack. The meshes are clear and uniform, so as not to obstruct air and light, and it is easily manufactured.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The improvement in the manufacture of netting in imitation of wire-netting, the same consisting in stretching and brushing cotton-warp and filling-threads, running the latter threads through size as they are woven in, and stretching and painting the woven fabric, all as set forth, and for the purpose described.

JOHN E. CHASE.
GALEN CANFIELD

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. GRANT.