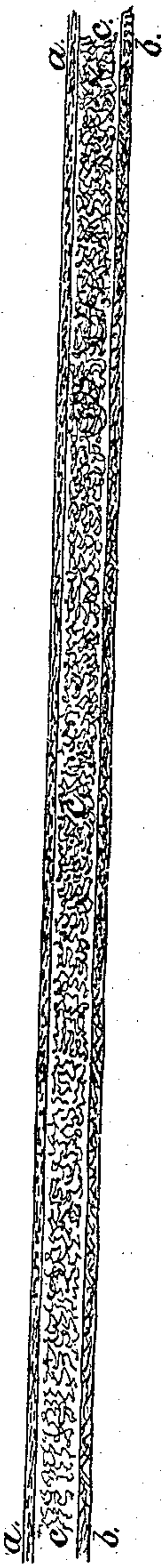


J. T. Stoddard.
Making Fibrous Batting.
N^o 41,727. *Patented Feb. 23, 1864.*



Witnesses:

Frederick Curtis.
E. D. Hale Jr.

Inventor:
John T. Stoddard.
by his attorney
R. H. Eddy

UNITED STATES PATENT OFFICE.

JOHN T. STODDARD, OF PLYMOUTH, MASSACHUSETTS.

IMPROVEMENT IN FIBROUS BATTING OR WADDING.

Specification forming part of Letters Patent No. 41,727, dated February 23, 1864.

To all whom it may concern:

Be it known that I, JOHN T. STODDARD, a resident of Plymouth, in the county of Plymouth and State of Massachusetts, have invented an Improved Manufacture of Fibrous Batting, and I do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawing, which denotes a section of a sheet of batting made in accordance with my invention.

The nature of my invention consists in an improved manufacture of fibrous batting, made of a loose fibrous mass or layer and two thin layers, bats, or veneerings of longer staple, arranged on or applied to its opposite sides, the purpose of my invention being to enable a batting to be made principally of cotton or other fibrous material or materials of very short staple, the veneerings or longer staple bats being applied to its opposite sides or surfaces, for the purpose of holding the mass together and converting it with the veneerings into a batting, which can be used as ordinary cotton or other battings are generally employed.

In the drawing, *c* denotes the internal layer or bat, while *a* and *b* represent the thin veneers or bats composed of fibers of longer staple than those of which the internal bat may be composed.

I generally use for the formation of the internal stratum or bat cotton of very short staple, such as cannot conveniently or to good advantage be worked up into rovings and spun. There is produced in cotton-mills a large amount of what is termed "cotton waste," or waste cotton, which may be used for this purpose, the fibers not being of sufficient length to enable it to be carded into batting of the ordinary kind. By using this waste material for the internal layer and lay-

ing upon or covering its opposite surfaces with two very thin layers or bats composed of cotton or a fibrous material of a longer staple or of such a nature as to answer the purpose, I am enabled to produce a very cheap manufacture of batting of great use in the arts.

There are various ways in which the bats may be made and laid and joined together so as to adhere to each other. Persons skilled in the making of batting of the ordinary kind will have little or no difficulty in devising means of accomplishing the result or of making the improved batting which constitutes my invention. The layers may be of the same or of different colored fibers, as circumstances or fancy may suggest.

I am aware that a fibrous batting has been made of three layers or bats, the middle one of which was of picked cotton, while the two outer layers were of carded cotton; but in these there was no difference in the length of the staple of either layer, the whole batting being of cotton of like kind or staple. I do not claim such a batting. My improved manufacture differs from this latter kind of batting, inasmuch as the inner layer is composed of a material of very short staple, or much shorter than either of the outer layers, which are in the nature of veneerings, for the purpose of holding together the mass of fibers composing the inner layer, they not having of themselves sufficient tenacity for enabling the bat to be used under ordinary circumstances alone as batting.

I therefore claim as my invention—

My new improved manufacture of fibrous batting, as made substantially in manner and for the purpose as hereinbefore specified.

JOHN T. STODDARD.

Witnesses:

R. H. EDDY,
F. P. HALE, Jr.