

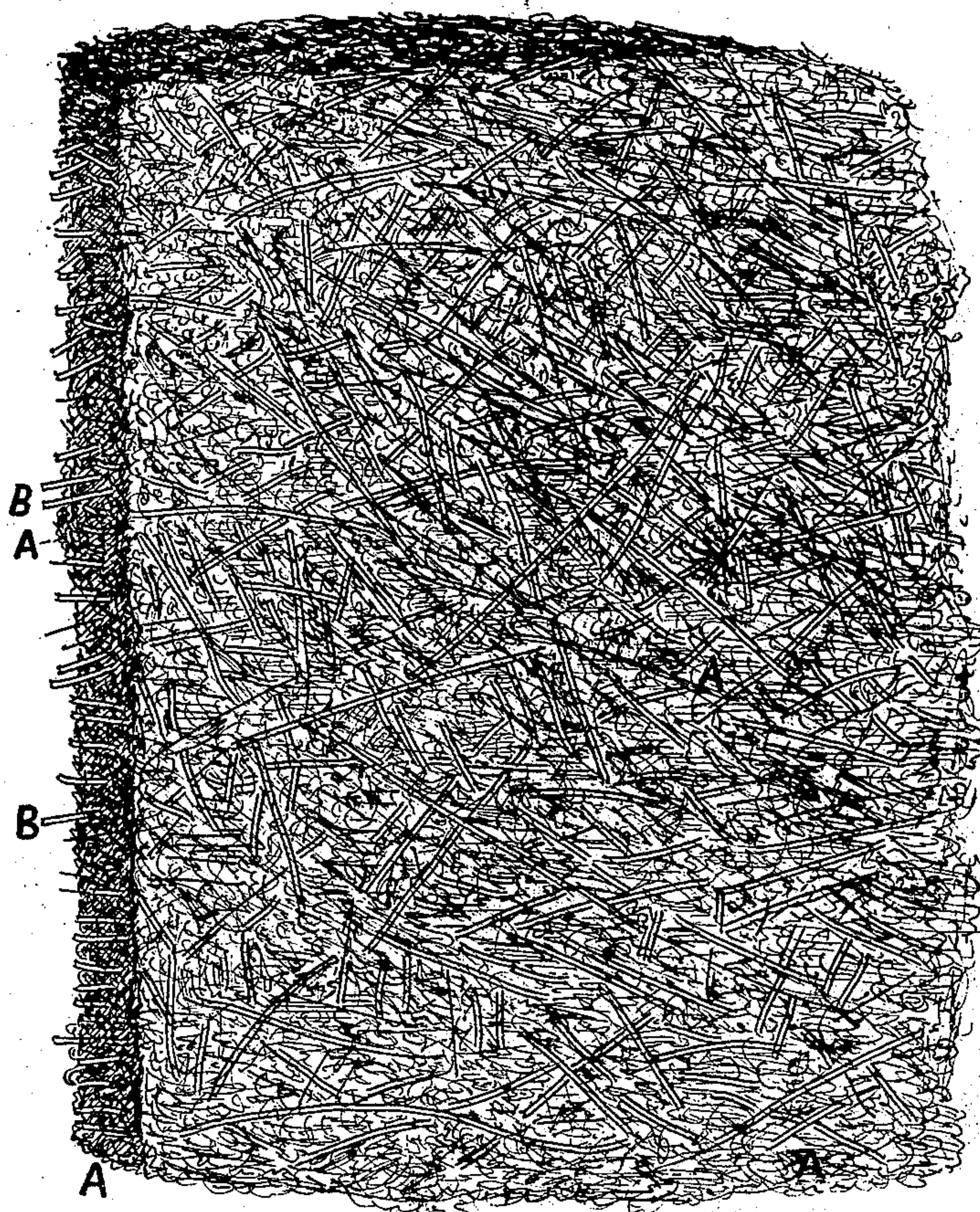
(Model.)

G. H. SMITH & J. H. BEALE.

BATTING.

No. 256,603.

Patented Apr. 18, 1882.



Witnesses.

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UNITED STATES PATENT OFFICE.

GEORGE H. SMITH AND JOSEPH H. BEALE, OF BOSTON, MASSACHUSETTS.

BATTING.

SPECIFICATION forming part of Letters Patent No. 256,603, dated April 18, 1882.

Application filed March 1, 1880. (Model.)

To all whom it may concern:

Be it known that we, GEORGE H. SMITH and JOSEPH H. BEALE, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Batting, of which the following is a specification.

The object of our invention is to produce a cheap, simple, convenient, and durable compound batting which shall serve for many of the purposes for which the common or cheaper grades of cotton-batting are now employed; and it consists in a compound batting composed of cotton fiber and wood excelsior in about equal parts, more or less, as a new article of manufacture, as hereinafter more fully set forth.

The figure represents a perspective view of a portion of a sheet of batting embodying our invention.

A represents cotton fiber, and B represents the wood excelsior, which should be cut or formed in the usual manner from poplar or other wood in fine shavings or thread-like pieces—the finer the better. Then we take of any poor or short staple—waste cotton fiber or sweepings from cotton-factories—and mix the two together evenly by running the same through a picker, or in any other suitable manner. We prefer about one-half each by weight; but these proportions may be varied according to the uses intended to employ the compound batting for in the manufacture of comforters, carpet-linings, and the like articles wherein batting forms a part. This mixture

of cotton fiber and excelsior is then passed through a batting-mill and formed into sheets in the usual manner, when it is ready for use.

By means of the excelsior we are enabled to use a very cheap short fiber of cotton or waste and produce a comparatively strong batting, the excelsior serving to hold the cotton in position in the sheet of batting, so as to permit of its being more readily handled in the act of placing it between or upon the print-cloth, paper, or other outside covering material employed in the construction of comforters, carpet-lining, &c., thus reducing the cost very materially, and rendering the articles more durable and salable, as the excelsior not only serves to increase the bulk or thickness and warmth, but holds the cotton together or in its desired position, as when placed within the bed-comforter, and thus prevents its easy displacement and consequent formation into bunches or lumps, as heretofore, wherein cotton-batting was employed, and thereby reducing the cost of construction, as less stitching is required.

Having thus described our invention, what we claim is—

An improved batting, composed of cotton fiber and wood excelsior formed into sheets, substantially as described, as and for the purposes set forth.

GEORGE H. SMITH.
JOSEPH H. BEALE.

Witnesses:

SYLVENUS WALKER,
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