

UNITED STATES PATENT OFFICE.

JUDD M. COBB, OF BELOIT, WISCONSIN.

IMPROVEMENT IN MOTH-PROOF PAPER.

Specification forming part of Letters Patent No. **174,484**, dated March 7, 1876; application filed January 18, 1876.

To all whom it may concern:

Be it known that I, JUDD M. COBB, of Beloit, in the county of Rock and State of Wisconsin, have invented a new and useful Improvement in Moth-Proof Paper, Paper-Board, Felt, &c., which is fully described in the following specification.

The object of my invention is to provide a paper-board for use as a carpet-lining, and in the manufacture of paper boxes, or a thin paper for use as a lining for boxes, which is moth-proof.

The invention consists in making the board or paper, either wholly or in part, from stock obtained by reducing cedar-wood to the condition of pulp by any suitable process.

For this purpose only those varieties of cedar which are highly aromatic are desirable, and the heart of the tree is the most useful. For the manufacture of the cedar pulp any known process for making wood pulp may be used; but I prefer to take the woody material in the shape of sawdust and run it through an ordinary grinding-mill once or more, as may be necessary to reduce it to the required degree of fineness. The ground product is mixed with water, without the use of chemicals, and the paper or board is made entirely from stock of this kind; or it may be mixed with ordinary paper-stock or felting-stock, in such proportions as may be desired. If it is desired to make the material strongly

aromatic, nothing but cedar stock should be used; but for some purposes a slight odor of cedar will be sufficient, and then the cedar stock may be mixed with any other, a sufficient quantity always being used to make the cedar odor recognizable.

A paper-board made in continuous lengths from this material will be useful for carpet-linings, as the odor of cedar retained by the board on account of the material from which it is manufactured will act as an efficient preventive to the ravages of the moth. It may also be used for the manufacture of box-board for use in making boxes to contain furs, woolen articles of clothing, or anything which it is desired to protect from moths.

A thin paper may also be manufactured from cedar pulp which may be used to line boxes which have been made from ordinary box-board. It may also be used for lining chests, trunks, and other like articles.

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

As a new article of manufacture, a moth-proof paper or paper-board, made wholly or in part from cedar-wood pulp, for the purposes set forth.

JUDD M. COBB.

Witnesses:

JOHN GEDDES,
GEO. A. CHENEY.