

United States Patent Office.

NATHANIEL MONROE, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF, WILLIAM T. KEEN, AND CHARLES P. STOWE, OF SAME PLACE.

Letters Patent No. 103,071, dated May 17, 1870.

IMPROVEMENT IN PACKING FOR THE JOURNAL-BOXES OF RAILROAD CARS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

I, NATHANIEL MONROE, of the city of Boston, county of Suffolk and State of Massachusetts, have invented a certain improved Material for Packing the Journal-Boxes of Railroad Cars, to be used instead of cotton, wool, or other substances, of which the following is a specification.

The nature of my invention consists in packing or stuffing the journal-box with woody fibers, which may be prepared from any kind of wood, but preferably from that which is fine-grained and elastic, by splitting or separating the fibers of the wood, so as to form long slender threads or thin narrow strips of the wood fibers; these, when intermixed, form a material which, while it is sufficiently soft and flexible, possesses a degree of elasticity well fitting it for the purpose of packing the journal-boxes.

It will be found, upon examination, that the use of this material possesses several advantages over those now used.

In the first instance, the material itself may be

procured at a cost much less than wool or cotton, while, at the same time, a less quantity is required.

It is also much more durable, as it preserves its elasticity, and does not pound or mash up like wool or cotton, thus becoming unfit to supply the oil to the journal; hence, the journal-boxes are kept cleaner, and considerable oil is saved, which, with the substances now used, is removed with the refuse matter when the boxes are cleaned.

The journals also run much cooler, owing to the nature of the material, which causes a freer circulation of the air than wool or cotton.

I claim as my invention—

Packing the journal-boxes of railroad cars with woody fibers, substantially as and for the purposes hereinbefore set forth.

NATHANIEL MONROE.

Witnesses:

J. B. ROGERS,
A. F. PARK.