

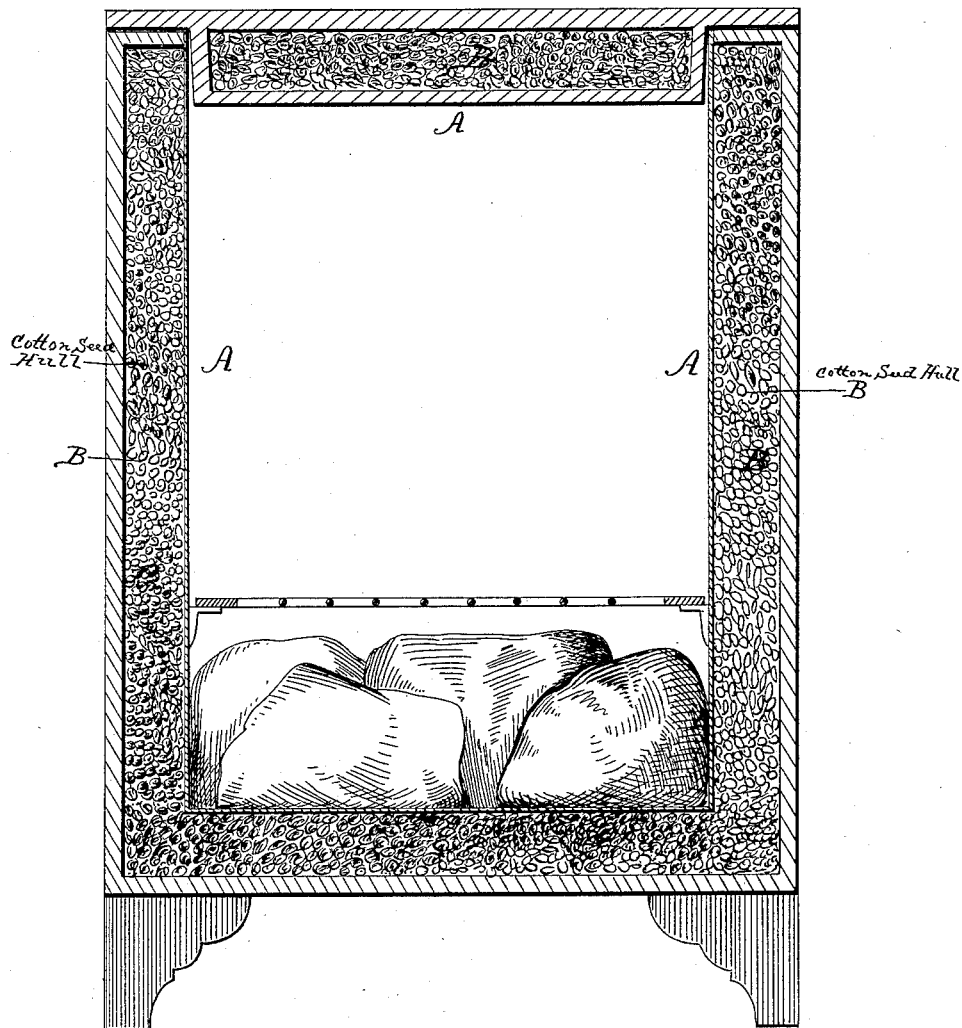
(No Model.)

J. S. FAIRLY.

LINING FOR REFRIGERATORS.

No. 340,869.

Patented Apr. 27, 1886.



WITNESSES:
Thos. Houghton.
P. B. Surpin.

INVENTOR:
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UNITED STATES PATENT OFFICE.

JOHN S. FAIRLY, OF CHARLESTON, SOUTH CAROLINA.

LINING FOR REFRIGERATORS.

SPECIFICATION forming part of Letters Patent No. 340,869, dated April 27, 1886.

Application filed August 20, 1885. Serial No. 174,909. (No model.)

To all whom it may concern:

Be it known that I, JOHN S. FAIRLY, of Charleston, in the county of Charleston and State of South Carolina, have invented a new and useful Improvement in Refrigerators, of which the following is a description.

This invention is an improvement in refrigerating-packages, and particularly in the packing or filling therefor; and it has for an object to provide a packing which will be cheap, will more efficiently exclude air and heat than the substances now generally used for these purposes, and which will render valuable an article which at present has practically no general commercial value.

In the drawing is represented in vertical section a refrigerator supplied with my packing.

The refrigerator may be of ordinary construction having the chambers A, into which is placed the packing B. This packing is cotton-seed hulls, which is packed into the chambers.

By a course of experiments it has been demonstrated that the hulls of cotton-seed have peculiarly valuable properties as an insulator against heat, and a preservative, by reason of

its exclusion of air, of fruits, meats, and the like. It is, however, especially useful in refrigerators, and preserving ice in transitu and in store.

I show a refrigerator supplied with my improved packing.

The invention is applicable to many uses. It may be employed with advantage in refrigerating-cars and elsewhere, as necessity may indicate.

Having thus described my invention, what I claim as new is—

1. The improved insulating-filling for packing, consisting of cotton-seed hulls, substantially as set forth.
2. As an improvement in the art of refrigerating and preserving, the utilization of cotton-seed hulls as an insulator, substantially as set forth.
3. As a new article of manufacture, a refrigerating-package having a packing of cotton seed hulls, substantially as set forth.

JNO. S. FAIRLY.

Witnesses:

P. B. TURPIN,
SOLON C. KEMON.