UNITED STATES PATENT OFFICE.

FREDERIC TUDOR, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN THE METHOD OF PACKING AND STOWING ICE.

Specification forming part of Letters Patent No. **726,** dated May 4, 1838.

To all whom it may concern:

Be it known that I, FREDERIC TUDOR, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Mode of Packing or Stowing Ice, so as to diminish the wasting or decaying thereof; and I do hereby declare that the following is a full and accurate description.

The nature of my invention consists in packing or stowing in the following manner by means of any non-conducting material which will fill the interstices of the blocks of ice, as is hereinafter mentioned, and exclude the atmosphere, to wit:

The floor or bottom of the place where the ice is to be stored having been properly prepared, and the ice having been cut into blocks of convenient size, one layer of blocks is placed upon said floor or bottom, and the interstices between said blocks are to be carefully filled with any non conducting material and a layer of said non-conducting material spread over the whole. A second layer of blocks is then to be put on the former layer, and all the interstices filled as before, and a layer of said non-conducting material spread over the second layer, and so on until the required quantity is stored. Various non-conducting materials may be employed for the purpose, such as sawdust, pulverized cork, rice-chaff, or any other which may be preferred and which may be adapted to the filling of the interstices between the separate blocks and layers of ice. The bottom and sides of the receptacle may be prepared in any of the ordinary modes of so doing, my improvement consisting entirely in the filling the spaces usually left between the separate blocks of ice with any suitable non-conductor, it having been found that by so doing the ice is preserved from melting for a much longer period than usual.

What I claim as my invention, and wish to secure by Letters Patent, is—

The application of any non-conducting material, as aforesaid, in the manner above stated, to the packing or stowing of ice, thereby destroying or relieving the altitudinal pressure of vapors generated by the ice and preventing the wasting, melting, and decaying of the same.

FREDERIC TUDOR.

Witnesses:
JAMES W. FENNO,
JOHN FENNO.