

**PATENTS FOR INVENTIONS.
ABRIDGMENTS OF SPECIFICATIONS
RELATING TO ICE-MAKING
MACHINES, ICE SAFES, AND ICE
HOUSES; A.D. 1819-1866**

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VARIOUS

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HOUSES; A.D. 1819-1866**

PATENTS FOR INVENTIONS.

ABRIDGMENTS

OF

Specifications

RELATING TO

ICE-MAKING MACHINES, ICE SAFES,
AND ICE HOUSES.

(INCLUDING THE USE OF FREEZING AGENTS FOR
PRESERVING ALIMENTARY SUBSTANCES).

A.D. 1819-1866.

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P R E F A C E.

THE Indexes to Patents are now so numerous and costly as to render their purchase inconvenient to a large number of inventors and others, to whom they have become indispensable.

To obviate this difficulty, short abstracts or abridgments of the Specifications of Patents under each head of invention have been prepared for publication separately, and so arranged as to form at once a Chronological, Alphabetical, Subject-matter, and Reference Index to the class to which they relate. As these publications do not supersede the necessity for consulting the Specifications, the prices at which the printed copies of the latter are sold have been added.

The number of Specifications from the earliest period to the end of the year 1866 amounts to 59,222. A large proportion of the Specifications enrolled under the old law, previous to 1852, embrace several distinct inventions, and many of those filed under the new law of 1852 indicate various applications of the single invention to which the Patent is limited. Considering therefore the large number of inventions and applications of inventions to be separately dealt with, it cannot be doubted that several properly belonging to the group which forms the subject of this volume have been overlooked. In the progress of the whole work such omissions will from time to time become apparent, and be supplied in future editions.

This volume contains Abridgments of Specifications to the end of the year 1866. It is intended to continue them to the end of the year 1876 as soon as the Abridgments of all the Specifications from the earliest period to the end of 1866 have appeared in a classified form. Until that takes place, the inventor can continue his examination of the Specifications relating to the subject of his search by the aid of the Subject-matter Index for each year.

This series includes, in addition to the manufacture of ordinary ice, the making of confectionery ices, and the use of ice and freezing mixtures in pickling and curing meat and

in freezing, cooling, and preserving alimentary substances. Freezing mixtures; ice breakers or choppers; and non-conducting materials for ice safes, ice houses, &c., are admitted; also refrigerators of the nature of ice safes and wine coolers; but refrigerators used by brewers, distillers, and wine makers will be found in the series, now in course of preparation, entitled "Brewing, Wine-making, and Distilling Alcoholic Liquids."

H. READER LACK.

February, 1877.

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AND ICE HOUSES.**
