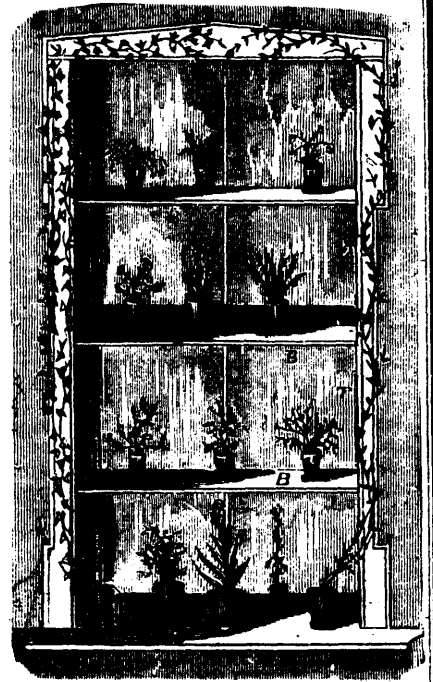


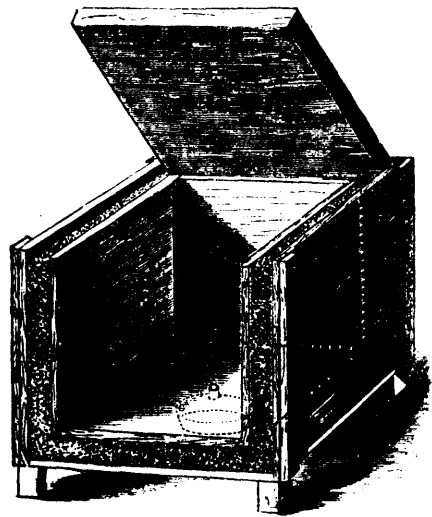
THE CUTTLE-FISH AND CUTTLE-FISH BONE.



WINDOW-SHELVES FOR PLANTS.

A HOME-MADE REFRIGERATOR.

In some cases it is not convenient to procure any of the very excellent refrigerators now made for sale. Then a home-made one may serve a useful purpose. The materials for this, as shown in the annexed illustration, are simply two packing boxes, one of which is smaller than the other, a quantity of powdered charcoal, and a few square feet of hair-felt, such as is used for covering boilers as a non-conductor of heat, or of common oil-cloth. The engraving shows the boxes with the front parts taken away, so that the manner of putting them together may be seen. A few inches (not less than four) in depth of the powdered charcoal is laid on the bottom of the outer box, which should be lined with the felt. Then the inner box, covered on the outside with felt, is placed in the outer box. The space around it is packed tightly with the charcoal up to the top. A strip of tin is nailed so as to cover the charcoal between the boxes. The inner box should be lined with sheet zinc or galvanized iron. A hole is bored through the bottom, and a short piece of lead-pipe is fixed to carry off the water from the melted ice. The covers of the boxes are fitted so as to have an air space between them, and felt is tacked on to those to help to keep out the heat. Common oil-cloth will answer in place of the felt, if that cannot be procured. When in use, the ice is placed upon a small wooden rack upon short legs, which raise it an inch or more above the bottom of the box. The ice may be wrapped in a piece of blanket, which will make it last much longer than without it. If needed some rack shelves may be fitted around the box, upon which to place whatever is to be kept cool. The box is set upon four short legs, or blocks, and a pan is kept beneath it to receive the ice water.—*American Agriculturist.*



A HOME-MADE REFRIGERATOR