

## CONSTRUCTION OF AN EVAPORATOR.

SIR,—Is there an evaporator manufactured in Ontario? How is sulphur applied? Is it sprinkled on the apples, or burned in a vessel under them? About how much duty would we have to pay on an evaporator which costs in the States, say, \$30?

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As we have stated before, there is no factory in Ontario, so far as we know, where evaporators are constructed ready for sale. The duty is 30% ad valorem. It might be interesting to some of our readers were we to repeat the description of an easily constructed evaporator, which was described in the *HORTICULTURIST* for 1891. (See Fig. 431.)

"It is built of wood. All the frame required is the upright, 2 by 2 inch posts and the 2 by 3 inch horizontal drawer rests. The drawer rests are placed flatwise and between the posts, rabbeted one-half inch on each inhalation of air. The end drawers are 4 inches deep and 5 feet long, and are used to finish on. Have four extra drawers, and have some extra front pieces to put in and close up the openings when the drawers are out. The sheet-iron fenders, A B, extend the whole length, to distribute the hot and cold air. The cold air enters the ventilators below A, and is divided by B. The arch C is sheet-iron, with a two inch flange, resting on the wall of the furnace, which is two feet high and two feet wide, laid in mortar. The top course of brick is laid in mortar, in the flange, to prevent the

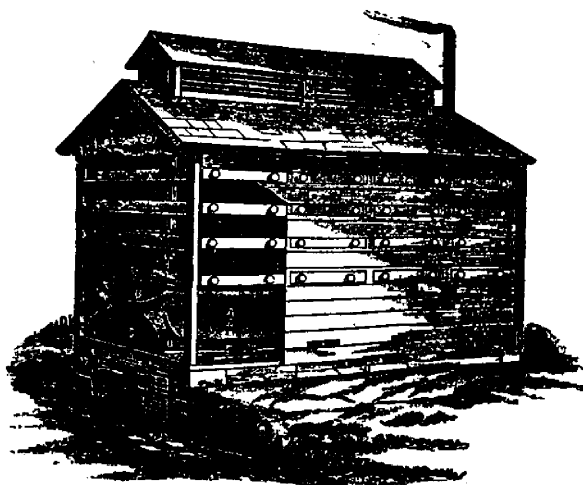


FIG. 431.—HOME-MADE EVAPORATOR.