



Fig. 8. Method of treating peas in coal-oil barrels. (a) Shows the carbon bisulphide in two pans on the surface of the peas; (b) shows how the peas are fumigated. (Original.)

BUG HOUSES. Many of our large buyers and shippers of peas have specially constructed air-tight chambers, or "bug houses," in which several hundreds of bags of peas are treated at one time with carbon bisulphide. In some cases, farmers, especially when the pea crop is large, could profitably erect "bug-houses." It is not necessary in all instances to construct a separate building for this purpose. It would be more economical for the farmer to build a compartment in his barn, as it would make tight, clean storage for grain, robes, blankets, or other articles, during the portion of the year when it is not used for treating peas. ~~This may~~ affect insurance.

A chamber 12 feet long, 6 feet wide, and 8 feet high is about the right size for treating the season's crop. Besides the siding on the outside of the frame, there should be two thicknesses of dry tongued-and-grooved matched lumber, with building paper between, well nailed on the outside of the frame. The ceiling should also be made in a similar manner. The beams and joists of the building should be so rigid that they will not give in the least when loaded, lest a crack be made in the side, and allow the gas to escape. The floor should be made of two thicknesses of sound, matched, tongued-and-grooved lumber, with building paper between the thicknesses.

The door-way should have two doors, an inner one not on hinges, but have two handles with which to lift it and put it in place, and an outer one which is hinged. Both of these doors should fit against rubber or felt strips laid on grooves cut in the door-frame. The doors can be wedged tight against the rubber padding by means of three oaken cross bars (at the bottom, middle, and top) which can be driven like wedges into slots cut in the door-casing. (See Fig. 9.)

Other Methods of Treating Peas. The method of holding over peas in closed bags or tight boxes for a year is one which has been in operation for many years. The weevils which escape from the