

at a temperature of about 125°; after turning on the live steam, and setting the stop cock so the temperature would remain at about the right point we commenced the experiment. The night fireman changed the gauge, thus allowing the steam to go on in full force, and on examination we found the honey liquified comb and all with the sections floating around on top. A dry kiln makes one of the best places for liquifying extracted honey, as tons of it can be placed in at a time and liquified at a very low cost. If granulated comb honey can be liquified, it would require a very even temperature. We think the room would have to be heated by steam, and a thermometer be placed there to regulate the temperature. Can any of our friends tell us if it is possible to liquify honey in the comb without destroying the comb?

What Size of Sections are Best Adapted for Marketing?

A GOOD many are advocating a uniform size of sections in order to facilitate the marketing of comb honey. We are surprised that more do not favor thin sections, which would doubly stimulate the marketing of comb honey. People now a-days go largely by appearance, and as a thin section to the ordinary observer appears to be as large as a thick one, if we were raising comb honey exclusively for profit we would have nothing more than one and one-half inch, and, as we have before prophesied, that thin sections will yet take the lead, and be almost exclusively used. Of course it may take sometime to educate the people to this fact, but it is gaining every year. Bees will cap over thin sections in about one-half the time they will thick ones. It is whiter, as it is a shorter time in the hive. If the comb is placed where the light refracts on the opposite side honey looks clearer in the thin than in the thick sections. They will ship much better, as the bees will attach a thin comb to the sides of the section much better than they will a thick one. If one-half pound of honey is attached as much to the section as one pound it is readily seen there would be a difference in the breakage, if roughly handled.

The honey is also thicker in thin sections—this has been proved time and

again by careful experiments. Every time the bees put thin nectar from the flowers in a deep cell it thins the honey to the bottom of the cell, and it can be easier seen how much longer it would take to evaporate honey one inch deep than one-half an inch, and how much more heat it would require. Some argue that it takes so much more time to do the capping, and consequently loss of honey to produce the wax. This is a mistake, as bees will gather, store, ripen and seal as much or more honey in thin sections than they will in thick ones. We are about convinced from experiments that they will produce more pounds of honey in thin sections than in thick ones, and it will retail for 25 per cent. more per lb. than thick sections, as it is sold by bulk or piece. It will sell 50 per cent. faster than the thick sections, because you can retail a section for 15 instead of 25 cents. You can retail a half-pound section at 15 more readily than a pound at 25c.

A Bee-Keepers' Convention at the World's Fair.

IT is high time that an effort was being put forth to place the scheme in proper shape. Some one has to take the initiatory step in this matter, so we will nominate T.G. Newman, editor of the *American Bee Journal*, to be Chairman of the Managing Committee, and would suggest that he select the necessary assistance, and organize a Committee and go to work at once.

Invitations should be sent to as many bee-keepers as possible, and to all the Bee-Keepers' Associations in the various countries. It may be necessary to have the Convention held at separate times, as the best time for American and Canadian bee-keepers would be after the honey season is over. If that should be too late to meet the views of our British, German and other foreign bee friends, it might be desirable to have arrangements made to meet their wishes as far as possible. In fact, if they accept the invitation the American and Canadian bee-keepers are, and we are sure will be, willing to sacrifice self interest, and make every effort possible on their part to meet the views of our foreign friends.

We would also suggest that a number of samples of honey from the various countries be on exhibit, and that samples of all the appliances from the various