

bottom-bar of the section-holder would sometimes sag; but the new fence is so much stiffer than the separator that we believe it will do away largely with the sagging of the bottom-bars."

I rather thought that when that able and well-known apicultural writer,

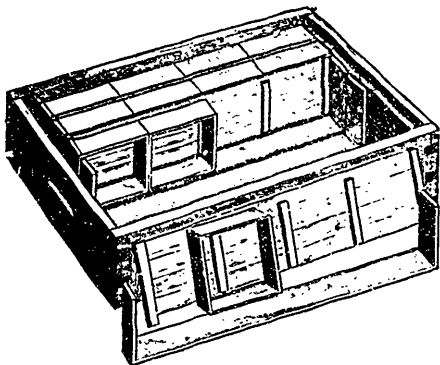


Fig. 2. Dovetailed super with plain section and fence.

Doctor C. C. Miller, championed the 1 super in preference to the section holder, the editor of *Gleanings* did not find any sag to the bottom-bar of the section holder. The section holder will not sag if the sections are wedged up at the end, so that there will be no play in the row and none between the section holder and the super. Also the sections should be well keyed up, pressing the sections and separators together—this latter, by the adhesion of side bars of sections and the separators, takes a considerable weight from the bottom bar. The question simply is: Is the fence stronger than the old separator and, if it is, is the old separator on end, braced on either side by tightly pressing the section against it, strong enough to prevent it from sagging? As I see it, in a downward pull the greatest give will be at the weakest point between the fences, and the fence made of four strips with a space between will not be as strong as the continuous piece in the regular. Some may have found the old separator to sag with the section well keyed against. I have not. If it is strong enough to stand the strain on it after the bottom bar has stood its share, there is nothing in this point.

No. 5. "The new sections, when filled with honey, will bring a higher price because they appear to be, and in fact are, better filled out and the surfaces of the

combs themselves are more even—at least that seems to be the experience of those who have used such sections with a cleated separator or fence."

If this can be done how is it that at Toronto, London and Ottawa Exhibitions the plain sections did not distinguish themselves by capturing the prizes on comb honey. The comb honey in the plain section was shown at Toronto but secured nothing. We have seen several lots of comb honey in plain sections but, so far, have seen none superior in finish to that taken with the ordinary section, 1, and other Canadians, saw at the Buffalo convention, Dausenbaker's comb honey taken with the fence separator, and I fancy he had the best he could lay his hands on, and we know we have had better at the Toronto Exhibition. In fact sections of the ordinary kind have been shown at Toronto and other Canadian Exhibitions, so perfect that the comb had no pop holes. As at this point the catalogue closes the plea for superior honey with the plain section and fence separator, let me emphasize my objection to making the fence separator and plain section stand and fall together. The plain section is one thing; the fence separator quite another. I have no strongly formed opinions about this point but, granting for a moment the superiority of the cleated separator, it can—as before shown—be used with the ordinary section. Again, open top and bottom bars can be had with the one piece section ordinary, as well as the plain. To illustrate: you have two houses with wells. In one a chain and wooden bucket is used to draw the water, the other uses a chain and pail. The man with the wooden bucket considers his outfit superior and vice versa. One day the man with a wooden bucket gets a happy thought, he attaches a windlass, feeling sure he has given his rival a black eye. He must now recognize the superiority of the wooden pail. But, not discouraged, the tin pail man applies the windlass to his tin pail and the discussion is as animated as ever.

6. "Facility in scraping these sections with their plain straight edges is quite an important feature. It is not an easy matter to clean out the insets of the ordinary old style sections, and practically impossible to remove the stains. A case knife or a piece of steel having sharp square edges will, with one sweep, clear almost the whole four edges of the new section at once."

Here I consider the plain section has its