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THAT NEW INVENTION.

WE have had many good things spoken of the New Reversible Honey Board and Super Reverser, and very little adverse criticism. We have courted the latter in order that any bad or defective points might be remedied, if they could be found, and we are glad to have those who fancy they can improve the smooth working of the apparatus, write us their suggestions for publication. The first to come to the front in the way of criticism is our good friend A. I. Root, editor of *Gleanings*, in the last number of which there appeared the following :

On page 763 our friend W. F. Clarke spoke of a great forthcoming invention, and a good many jokes have been cracked at his expense because of the slowness with which said locomotive has got up steam. By the last issue of the CANADIAN BEE JOURNAL, however, we find that steam is up and the locomotive has started. One good thing has certainly been accomplished. We have got an unusually long editorial, presumably from friend Jones himself, illustrated by some nice pictures. Perhaps, now, we are premature in offering criticisms, but I am sure the new arrangement will be the means of having more streaks of propolis on the sections, to be scraped off, than we have heretofore had, and I am not sure, either, that the new plan has lessened the number of "chicken fixins." The new idea, however, is quite ingenious, and it offers valuable suggestions, and furnishes food for thought. Had I gotten up the whole arrangement, I am not sure but that I too should have imagined that

it was going to revolutionize fixtures for comb honey. I want to say, however, that, from what experience I have had with side-opening crates and supers, I do not believe anybody will ever want them a great while. Don't go to work and make a great many of them until you have tried them one season.

We are pleased that the editor of *Gleanings* has come out so squarely with his objections, because we think that we can easily remove them; and we are under the impression, too, that he hardly understands our arrangements as thoroughly as he should, else his objections would not be made. Perhaps we did not make our explanations sufficiently plain. We shall try now, however, to elucidate as much as possible from time to time.

How more streaks of propolis are going to get into the sections, we cannot understand. The only possible spaces the bees can have to crawl over are those above and below the top and bottom openings. They cannot by any means get at the sides or edges. Of the two systems, we think this one is much preferable to the 1 rest method. The latter has more space to catch the propolis of the bees than has ours, and there is always so much more trouble putting in the sections. The edges catch on the strips of tin and make a man feel very wicked at times. Now, in case side opened sections are used with these new arrangements, you will see that the sections come together so tightly and compactly that there is no chance of the bees getting at the edges, to stick glue into the crack which is invariably left with the 1 rests. There is always the thickness of two pieces of tin left between the sections in which the bees can shove propolis. But we do not insist that sections with side-openings shall be used; it is not at all necessary. The same results can be obtained with the ordinary section (open top and bottom) as can be got in any other style of super, with the same kind of sections. We do not claim the use of side-opening sections as necessary to the successful working of the arrangement, neither do we claim that side-opening supers are a part of our invention. We have had this latter idea in view and in use a long time, as have others. The super which is described on page 246, of *Gleanings*, as proposed by T. P. Andrews, was the