

paugh solar wax extractor, with double glass, a four-piece section press, a brood foundation fastener, and a four-piece section foundation fastener that has not been excelled for rapid and perfect attachment, and all free of patents or encumbrances of any kind.



The convention of the National Beekeepers' Association, United States, will be held in Chicago in December, instead of San Antonio, Texas, for the reasons given by the Secretary in our last issue. While we regret the yellow fever, the scare and the disappointment to our Southern friends, we are pleased to announce the intention of a number of Canadian bee-keepers going to Chicago who could not possibly have gone to Texas. Owing to the Fat Stock Show being held on the same dates, very favorable rates will be secured. Might it not be possible for us to arrange a party from Canada and all go together? Let those favoring such write the Editor of The Canadian Bee Journal at as early a date as possible.



INVENTIONS AT THE NATIONAL EXHIBITION.

There was the usual variety of apicultural inventions exhibited at the National Exhibition this season, and all of them more or less valuable. The first prize was awarded Mr. H. R. Smith, St. Thomas, for a spacing arrangement for frames. The tin frame rest or rabbit is notched as in the Alpaugh invention described elsewhere in this issue, and a bent wire somewhat in the form of a staple driven into the end bar and extending underneath the plug or extension of the top bar of the frame, the wire drops into the notch in the frame rest, holding it in place. There is some minor differences between Mr. Smith's and Mr. Alpaugh's invention in the way of end spacing.

Mr. Arthur Laing was awarded second prize on a model of a portable

honey house for out apiaries. The material is principally canvas or heavy cotton and wire cloth on a framework of wood, and in sections to be easily erected, taken down or moved with other stuff to or from outyards.

Other inventions were: A Form for nailing section crates, by Mr. David Anguish, Scottsville, very useful for any one having a great many section crates to make up; a "Queen Rearing Outfit," by Mr. E. Grainger, Deer Park, Toronto, this illustrating all the simplicity and advantages of the famous Baby Nuclei; a "Case for Wintering" and a case for spring protection, by the Gould, Shapley & Muir Co., Brantford, this latter was made of three-ply roofing felt on a frame-work of wood, and large enough to take two hives side by side, space is left for packing of leaves or chaff, when used as a wintering case. The material is somewhat cheaper than all wood, is warm and perfectly water-proof. The parts are connected with screw nails at the corners, and can be taken apart and laid aside in small space during the summer when they are not needed. Such a case should make an excellent spring protection after the bees are taken out of the cellar.



There is perhaps no more difficult task for the judge at an apicultural exhibition than the awarding of prizes for inventions. Each inventor of course thinks that his invention is the most valuable, while its chances for a prize depends wholly on how it appeals to the judge. We have before suggested in these pages that some definite article, implement or tool to be made or improved upon, be specified for competition. This would simplify the matter exceedingly and would draw forth the inventive genius of our young bee-keepers much better than the present method.