No. 13	Alive. 3	Dead. 1	No. 19	Alive. 3	Dead 1
" 14	1	3*	" 20	4	0
" 15	3	1	" 21	1	3
" 16	3	1	" 22	3	1
" 17	4	0			
" 18	4	0		66	22

*In clamps Nos. 10 and 14 the top packing had been left out, and, in all probability, during the prolonged seasons of low temperatures, the bees literally starved to death in the midst of plenty, after having consumed the stores upon which they clustered.

OUTSIDE WINTERING WITHOUT SIDE AND BOTTOM PACKING.

We have had, until last winter, four years of unbroken success in wintering a hive of bees having the brood chamber in two parts, the first set of frames, ten in number, measuring $14\frac{3}{4}$ x $8\frac{1}{2}$ inches, and the upper ten $14\frac{3}{4}$ x $4\frac{1}{2}$ inches. As before, the only protection offered was about five inches of packing in a super above the frames. The bees perished. See Fig. V. and Fig. VI. for difference between this hive and the ordinary hive. The great difference is that the bees can communicate through the centre of the cluster in Fig VI., and Fig. V. only through the outside, but even this will not answer in a locality where the temperature remains for a considerable length of time as low as 20° below zero.
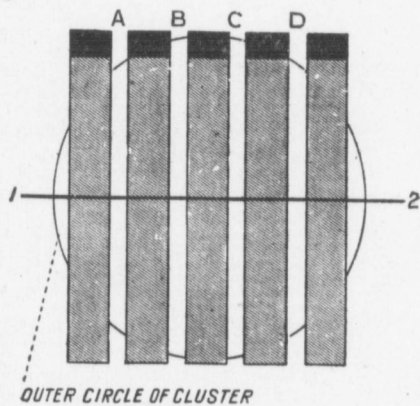

OUTER CIRCLE OF CLUSTER
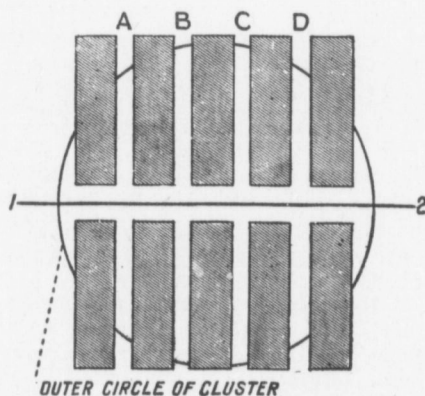
FIG. V.

OUTER CIRCLE OF CLUSTER

FIG. VI,

With migratory bee-keeping on the increase, a rapid method of preparing the bees for shipment is desirable. Last year's experiments in moving bees with a portico at the entrance was repeated with entire success. The bees were, as during the previous season, moved to fall pasture with the portico entrances attached to the fronts of the hives, and with the same success. In addition, having orders for bees in various parts of the Dominion, including British Columbia and Prince Edward Island, sixty-five colonies were prepared and shipped in the above way, and in every case the bees reached their destination in safety—a very severe test.

COMB AND EXTRACTED HONEY.

On account of the failure in the honey crop no results of any value could be obtained in connection with the production of comb and extracted honey.