

all our hives made slanting, none of our hive roofs are flat and they all have holes in the gable ends for ventilation. For wintering the slides are taken out of the top box, the porches taken off the body box (it is fixed with thumb screws) and the top box is slid down over the body box thus making the latter a three wall hive. The porch is fixed to the outer case the roof placed on and this hive ought then to be impervious to any weather.

Fig. 5 is another type of hive, it is "Abbott's combination hive." The frames, you will observe are fitted with Abbott's broad shoulders and are across the entrance, the outer walls are carried up to form a deep tray on top of the frames; this

This area was covered with a quilt to prevent them from flying up into the roof, and was claimed to be highly beneficial to the bees. This advice has recently fallen into abeyance and this hive which was once all-victorious has had to give place at all the great prize shows to hives of the storifying type. I need scarce repeat that all the hives of which I have spoken all take the standard frame. We have a shallow frame, divisible brood-chamber, storifying hive, on the Heddon system known as the Carr-Stewarton for an account of which I must refer my readers to the *American Apiculturist*, it has been in use in England for many years but has few advocates now. If you wish to know more] about

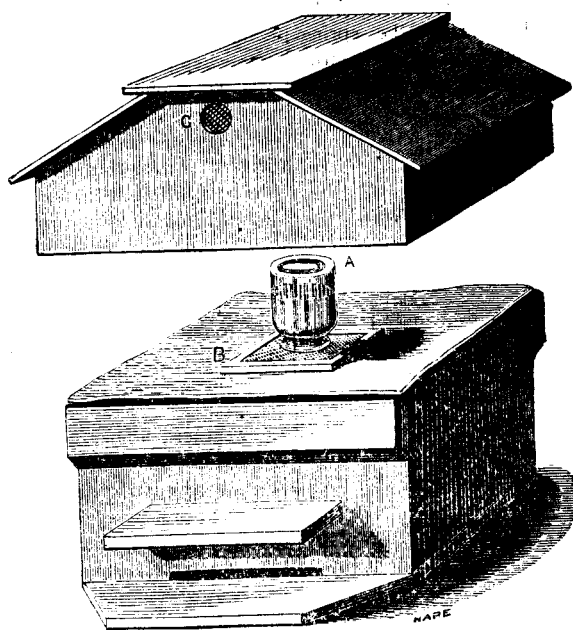


FIG. 2.

is to prevent the quilt from blowing off during manipulations in windy weather and also to make room for top winter packing. These hives are made to take from eighteen to twenty-four standard frames, they will also take frames of sections if preferred behind a queen excluder, as well as crates of sections on top of the frames. It has a good porch and alighting board and a well protected roof which on account of its size is necessarily heavy.

This system is what is known as the "hot" wintering system. In autumn the bees were recommended by some to be packed at the back end of the hive, thus allowing a large open area between the front dummy and the entrance.

British hives I refer you with pleasure to Mr. Cowans *British Bee-Keepers' Guide Book* where you will find them gone into more fully. Our hives are all well made and put out of hand—pardon me for saying so—as a rule I believe better than yours. They stand in our pleasure gardens and we like them to look nice. I will not claim that they answer their purpose any better.

I have said my say about hives my next must be "section crates, queen excluders and divid-ers."

AMATEUR EXPERT.

England, Nov. 5th, 1887.

A merry Christmas to our readers.