

that fruit would surely be bruised by its use, but it is stated by those who have used it that the fruit is in better condition than that picked by hand. We have secured a cut of the

#### APPLE GATHERER,

which will be of interest to our Canadian growers, even if the Gatherer itself should not entirely fulfil our expectations.

The weight is not very great, for two men can take it up and carry it to any part of the orchard. In size, it is 18 ft. across at the top; can be folded to occupy a space 4 x 4 ft.,

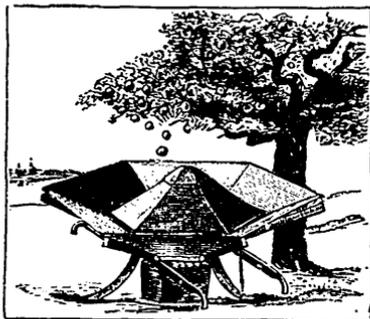


FIG. 39.—APPLE GATHERER.

and is 11 ft. high. The shaking of the branches is easily performed by using a pole with a hook on the end, and, where the lower branches are in the way, they may be easily pulled aside by such an instrument while the apples above are being shaken down.

The cost of this machine is \$50. We hope soon to test it at Maplehurst fruit farm, and will then be prepared to say more about its merits and demerits.

#### A USEFUL LADDER.

The time has not yet by any means

arrived when we can dispense with the ever-useful ladder, for, even should the Apple Gatherer come into general use, it would only be in large commercial orchards, and, even there, ladders would be needed for stripping the trees of apples, which could not be shaken down into it, from the tops and middles of the trees.

Among the various styles of lad-

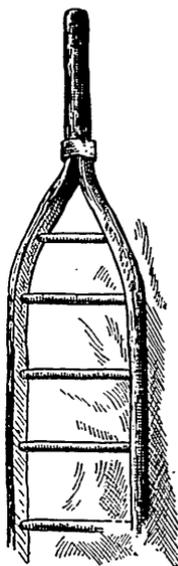


FIG. 40.—FRUIT LADDER.

ders, such a kind as was described by the writer on page 56 of vol. I. of this journal is most useful. It is made of one stout pole, mortised into a base made of scantling, and having rounds driven through it for climbing upon. Such a ladder can be very easily made on a rainy day, and can be used in cases where the ordinary two-barred ladder is useless; for, by reason of the single pole at the top, it can be safely rested in any crotch, while the scantling at the bottom pre-