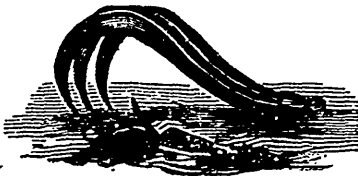


little else; and the air contributes almost all of the woody part of them—what would disappear if they were burned; and each in the course of a very few years receives back again to itself whatever each had given, ready to be used over again to make new crops and new produce—new food to feed another race of men.

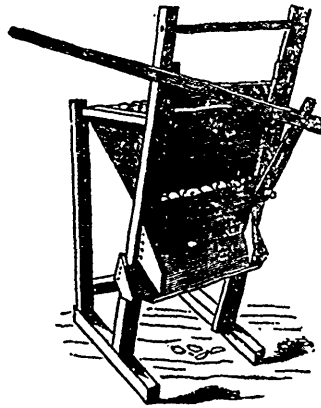
In the case of the farm that yielded the five tons of cheese every year—it does not lose five tons of the cheesy part of the soil annually; the soil has no cheesy part to lose—all that it loses is just such a quantity of earth as the ashes of these five tons of cheese would amount to if they were burned? A very few pounds—and that is all the farm loses every year. Certainly it is not the common sand of the soil that exists in the cheese, but it is a part of the earth of the soil that is sent off with the cheese, nevertheless; a very small portion, however, and one which the soil could lose every year for a very long time indeed without being any the worse for it. I burned a ten-pound mangold wurtzel the other day, and here are all that remains of it; these ashes weigh about an ounce, all the rest of this root comes from the air, and it has all gone back to the air from which it came.



ROOT PULLER.

The above is a most useful implement in pulling out roots, stones and old stumps that a chain cannot easily be hitched to. It is made of strong pieces of iron welded together as seen in the cut. We have not as yet seen the article in our hardware shops, though much used in the northern States. A common blacksmith may construct it with the aid of the above cut, and we are satisfied that in many cases the *new* land farmer will find it exceedingly useful.

A HINT TO BEGINNERS.—The opening of the new year is a good time to “turn over a new leaf,” and we would advise every housekeeper, young lady, clerk, apprentice, journeyman, student &c., to procure a little blank book, and keep an accurate account of their income and expenses during the coming year. It will prevent many little mistakes, assist you in forming methodical habits, and will often check a tendency of extravagance in the disbursement of your funds.



TURNP SLICER.

Various are the machines used for this purpose. Perhaps the above which any ingenious farmer can make for himself is as good as any. The cutting part consists of a wooden frame moving in grooves to which a piece of an old scythe is attached. This is moved up and down by a handle as seen in the cut. Indeed the cut is sufficiently plain to show the construction of the entire machine. Such a machine will be found very convenient at this season of the year in preparing roots for cattle.

STATE OF FARMING AND FARMERS IN ENGLAND—EMIGRATION TO CANADA.

For the Canadian Agriculturist.

Brantford, C. W., Dec., 1850.

SIR:

In your November number you addressed some questions to me for information on various questions connected with the progress, present state of improvement, and general prospects of agriculture in England, and the comparative positions of the English and Canadian farmers, naturally inferring that the numerous facts bearing on the subjects referred to, would be peculiarly interesting to any practical man of common observation, after an absence of fourteen years.

To go into details on all the above subjects would trespass largely on your columns, but I embrace the first leisure to transmit a brief outline.