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EDITOR AND PROPRIETOR.

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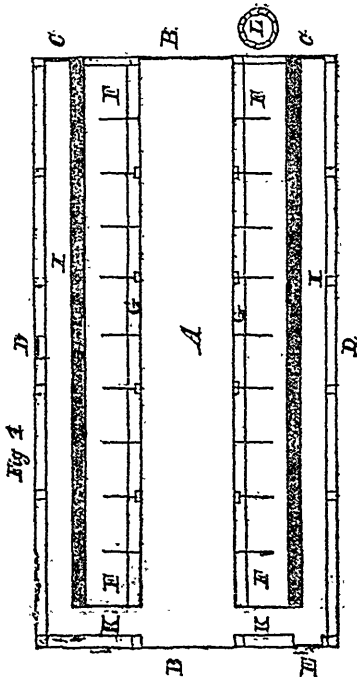
TORONTO, AUGUST 15, 1848.

NO. 12.

### STOCK BARN.

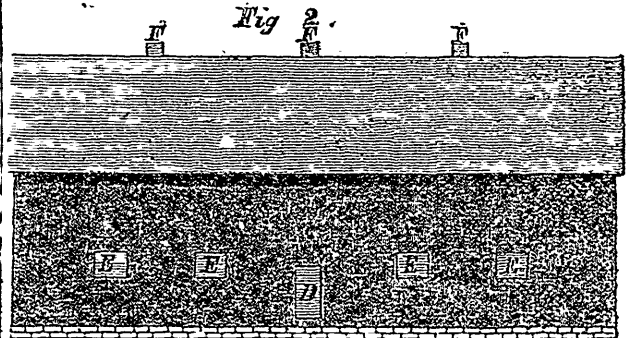
We have been favored with a communication, which will be found on the 137th page, from a respectable farmer in the Western District, giving drawings and a description of an Improved Barn. Our engraver having returned, we procured cuts representing the ground plan and the side elevation. The end view we did not think necessary to be given. He also sent us a drawing of a mode of fastening cattle in their stalls, at once, simple, cheap and convenient. The cut explaining it will appear in our next number.

We may remark that Mr. Paton's plan of arranging his barn for stock, &c., is very similar to one which we described in the *Canada Farmer*, belonging to Mr. Allen, the distinguished American breeder, on Garden Island. The chief difference is this: in Mr. Allen's barn, the cattle, instead of being in the body of the barn, were stabled in leanto's along each side. This allowed room for buys on each side of the main floor, and between it and the cattle's heads. The stalls, passages, &c., were precisely similar to the present. We refer the reader to Mr. Paton's letter for a fuller description of his plan, as well as for some very sensible remarks. We hope, since he has broken the ice, that Mr. P. will favor us again.



### EXPLANATION OF FIG. 1.

- A. Driving floor for waggon.
- B B. Doors to enter driving floor.
- C C. Doors for cows to enter, also for cleaning out the soil; they are 3 feet wide, so that a yoke of oxen may be driven in with the yoke on them.
- D D. Two side doors for accommodation, either for cows or those that attend them.
- E. Door leading to the dairy.
- F F F F, and the spaces between, are stalls for 40 cows, each division holding two cows, being 7 feet wide.
- G G. Feeding troughs for cows.
- H H. Gutters for soil.
- I I. Passages.
- K K. Passages leading towards the dairy.
- L. Tank to hold liquid manure.



### EXPLANATION OF FIG. 2.

- D. The same door as shown at D D, fig. 1.
- E E E E. Four ventilators, which might be made with slots like Venetian blinds, sliding horizontally, they are intended for both sides of the building.
- F F F. Ventilators in the apex.

THE BEE.—Providence, that delights in spreading beneficence as well as beauty over all creation, has wisely formed the bee as an humble but active and untiring agent, in gathering up for the most important purposes, and converting to the most valuable use, the scraps and fragments of nature which would otherwise be scattered by the "viewless winds," and spread through the "ambient air." She has adorned the song of the poet, pointed the fable of the moralist, and furnished food to the hungry in the desert. Virgil calls the bee a ray of divinity; Plutarch pronounced her a magazine of virtues; Quintilian asserts that she is the greatest of geometricians; and Watts, by calling in poetry to the aid of morality, has rendered her figure the means of interest, improvement, and delight to many a youthful mind. Philosophy has stooped to examine her habits and to watch over her haunts; she has presented the models of science and called forth the attention of scientific men; by her the husbandman is cheered when sitting in his cottage garden, in his evening reflections on his day of toil; and in whatever light she may be viewed, there is none who can declare that he has no interest in her ways.