

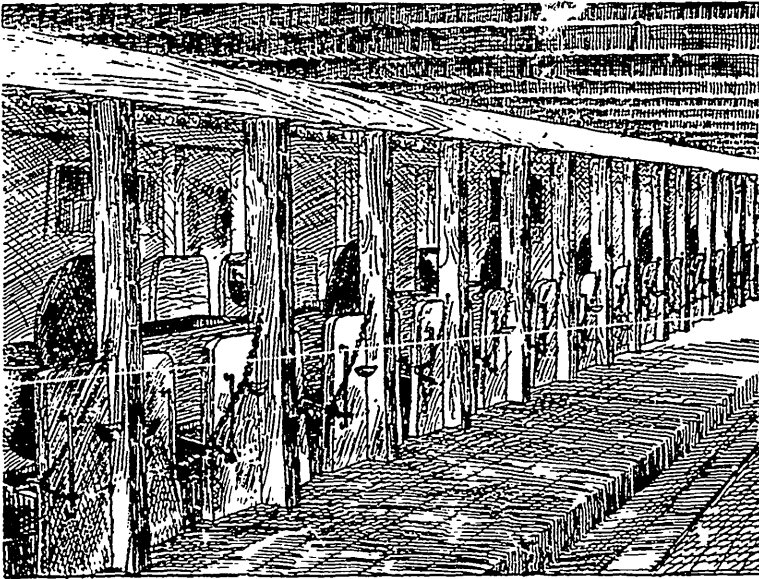
Fig. 5 is a sectional view of the interior of the creamery.

In describing these buildings I will commence at the ice house, which, as shown in Fig. 2, occupies 18×24 ft. in a new 18×36 ft. building with 8 ft. posts, which has been erected since the photograph represented in Fig. 1 was taken. In this same building is a woodshed 8×12 and a boiler room 10×12 . In the boiler room we have a No. 2 Eureka boiler, by means of which (when necessary) milk is heated for passage through the cream separator, and water is heated for washing up purposes. From the boiler there is a steam pipe running through the creamery and power rooms into the cow stable and pig pens, by which feed may be steamed for the cows and pigs.

Between the creamery and the cow stable there is a room 16×18 feet, in which is a one-horse tread power, with speed regulator attachment. This power drives a shaft 25 feet long, and this shaft runs the churn, the cream separator, the force pump, etc. This compartment is also intended for a small workshop.

The piggery occupies 16×36 feet of the east end of the main barn. It is divided into four 6×11 and one 11×12 pens, with doors opening into each. The feed passage is five feet wide, and has two doors opening from it into an eight-foot passage at the end of the cow stable. The ventilation is the same as that in the cow stable described below.

The cow stable occupies a space 34×64 feet



Corner View of Mr. Casselman's Cow Stable.

The creamery occupies 18×24 ft. of another building which, as shown on the ground plan, is 18×40 ft. with 8 ft. posts. In the creamery is a De Laval Baby Cream Separator No. 3, churn, and other dairy appliances, and a combined hand and power force pump. By the power attachment of this pump water is drawn from a well underneath the creamery and forced into an overhead tank, from which water may be had for use in the dairy by simply turning a stopcock, as shown in Fig. 5. By this same power attachment water is also forced into a tank in the cow stable, and from this tank the watering buckets are fed. From the cream separator there is a galvanized iron pipe which carries the skim-milk directly into the hogpens.

(inside measure), and, allowing $3\frac{1}{2}$ feet in width for each cow, it accommodates thirty-two cows standing in two rows of sixteen each, facing each other. Running across one end of the stable is a passage eight feet wide, with a door at each end, through which the cows may come in or go out. The passage behind each row of cows is five feet wide, and each passage has a door opening on the driveway, through which doors bedding may be brought from the mows or loft. The platforms upon which the cows stand are raised six inches above the level of the passages behind. One platform is four feet six inches wide, and the other is four feet nine inches wide. My experience has taught me that it would be better to have the narrow platform start at four feet wide