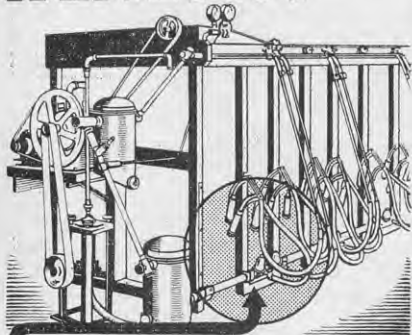


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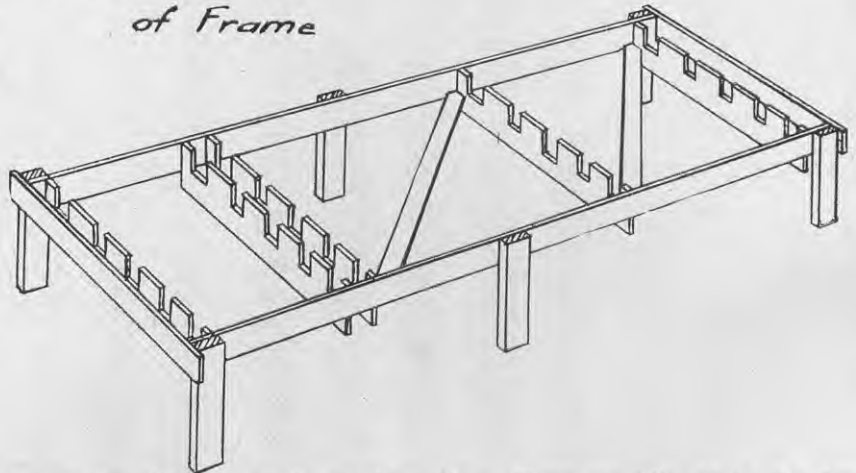
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J.A.4

Another view
of Frame



put on the time wasted in manipulating and repairing them, as mentioned previously, their cost is remarkably high, and the time taken to make one is actually no less than that required to make a good, permanent, five-barred hinged gate if the system of building gates in a frame is adopted.

The making of a suitable frame is comparatively simple, but it necessarily and fortunately involves standardising the size and pattern of all gates on the farm.

The first step, therefore, is to decide what width the gates shall be made, and as a wide gate costs only slightly more than a narrow one and is much more convenient for the passage of lorries and large implements, nothing less than a 10ft. gate should be made, and a still wider one of 12ft. is recommended.

Construction Of Gate

The detailed measurements of such a gate are shown in the accompanying illustration, while the frame in which the gates are made is shown as it appears from two different angles, and requires very little explanation.

The length of the legs of the frame is such that the frame is of a convenient height for sawing, say about 18in. above the ground, and every part of the frame should be made not less than a quarter of an inch "full" so that there is sufficient play to allow the finished gate to drop freely from the frame.

The frame is placed alongside the stack of timber to be used, and three stiles and one diagonal are then cut to length and placed in their appropriate

slots. These are followed by the five rails, and finally by the three remaining stiles and one diagonal.

Holes are then bored at all intersections, and bolts which have been well greased inserted. The whole thing is then turned up on its side, washers put on, and nuts screwed up hand-tight. Another turn over and the gate drops out on to the ground completed except for tightening up the nuts with a spanner.

The hinges can be attached while the gate is in the frame, and a first-class job is assured if all timber is painted at intersections before being placed in the frame. If this is done the final painting of the whole gate is not necessary and remains a matter for individual taste by those who like a neat appearance.

List of Creameries

BECAUSE of the shortage of paper supplies, the "Annual List of Creameries, Factories, Private Dairies and Packing Houses" will not be printed for 1941, but a schedule of amendments necessary to bring the 1940 list up to date to March 31, 1941, has been prepared and is available free of charge on application.

Copies of the 1940 list are still available, and will be supplied with the amendment schedule at 2/- per copy. Applications should be addressed to the Publisher, Department of Agriculture, Wellington.

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