TRUTH AND LIBERTY.

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SALT LAKE CITY, TUESDAY EVENING, APRIL 21, 1868.

No. 129.

TERMS FOR THE WEEKLY: One Copy one year,....

One Copy one year,..... six months,.... three months,

Pioneer Paper of the Rocky Mountain Region

DESERET NEWS, Semi-Weekly,

(Published every Tuesday and Saturday.)

The DESERET NEWS, WEEKLY. (Published every Wednesday.)

TERMS FOR THE SEMI-WEEKLY:

FACTORY CHEESE-MAKING.

(Continued.)

Cutting the Curd .- What is the use of cutting? Evidently to facilitate the separation of the whey from the curd, and to secure a uniform "scald" or "cook." What else can it be for? Then the cutting should be even, and be performed as perfectly as possible, and at the right time. If we could instantaneously, as it were, reduce the whole mass to pieces of the size of kernels of corn, so that they would not be larger than kernels of buckwheat when cooked and ready to dip-and this without breaking off any fine particles to waste by floating off in the whey—it would be a very fine thing and a great door to the Post Office. gain in many ways. But now, with the tools as yet invested, we have to cut, recut, crosscut, and recrosscut so much that we cannot avoid more or less waste, and when we have done, the work is far from well done. The mass is in pieces from the size of a chestnut down to a mere particle. The average may be about right, but the two extremes are all wrong—one is too big, the other too small. Yet, there is such a thing as taking advantage of circumstances and tools, and thereby in a measure overcoming difficulties.

One of the greatest improvements in tools for cheese-making is the newly invented knife for cutting the curd hori- dur zontally. The microscope shows us that as the coagulum hardens, the whey collects in little tubes throughout the mass. These long globules or tubes all stand upright, and look like little needles standing on their ends. Of course, if we cut the curd horizontally we shall cut these long globules crosswise, and therefore hit many more of them than if we cut perpendicularly, as is the custom, only splitting a few tubes lengthwise. The first cutting should, therefore, be made with the horizontal knife, lengthwise of the vat, to be followed with the perpendicular knife, in the same direction. This should be done as soon as it can be without whitening the whey. When the curd will break clean across the finger it is time to begin. After the two cuttings just mentioned, if the batch is very sweet, so that there is no danger of getting on too much acid before it can be cooked, the curd may be allowed to stand a few minutes before commencing the cross-cuttings. Otherwise, it will be better to continue the cutting until the requisite degree of fineness is reached. As a general thing it will be found quite as well to do all the cutting at once. The closer the blades of the knife are together, the less motions will be required, the quicker the work will ies, which they offer at prices to suit the times. be done, and the evener and more satisfactorily.

The "coarse curd system," as it is called, was a great mistake, and new finds few advocates. Large lumps of curd but imperfectly part with the whey, and it is almost impossible to cook them sufficiently in their centers. Each piece is almost sure to retain a drop of whey, which, unless the batch was very sweet, so that it remained a good while in the scald, is pretty certain to ferment and injure the flavor; but if the specific chesper than is to be found elsewhere. diggs thoroughly cooked, the whey still remains to show itself when the cheese is cut, and is certainly no advantage, if not a positive objection.

Scalding or Cooking .- There are three conditions of milk which the cheesemaker is called upon to recognize: 1 Perfectly pure sweet milk. 2. Tainted milk. 3. Sour milk. Each of these reheat may be raised slowly up to 98° or 100°, and but little stirring or attention will be required. So the heat is kept Clocks and Jewelry.

EAST TEMPLE STREET,
One door north of the Elephant Store. JAMES FRODSHAM is employed to repair Watches, d121-3m ahead of the acid, and the curd is properly cooked before the acid develops, the result will be satisfactory. The curd must be stirred sufficiently to keep the pieces from packing together, or set-tling along the sides of the vat, or in the corners. If they do this, the curd will cook unevenly, and is liable to have a kind of scorched taste.

Whether the heat should stop at 98°, 100°, or 102°, must be decided by expe- Meats in variety as are to be found anywhere. rience. Thermometers often vary two or three degress in their register, and that point must be reached which experience shows is necessary to make the curd firm by thoroughly expelling the STALL No. 5. Call and examine a good assortwhey from the pieces. The requisite degree of heat once reached, it is better to not let it fall much until the curd is done and nearly ready to dip.

When the curd, if rubbed and mashed between the thumb and finger, appears dry and cheesey, it is properly cooked. Then, as soon as the whey begins to grow slightly sour, it should be drawn off as quickly as possible, the curd cooled down to about 90°, then dipped, salted with four of five ounces "factory-filled" salt for every 100 pounds of milk, cooled to 80°, and put to press. To avoid too much acid from delay, it is better to draw off a portion of the whey while it my choice assortment of Meats. is yet sweet, leaving only enough to easily float the curd.

Tainted milk emits a peculiarly offensive odor, very different from that of sour milk. This smell is not unlike that of a rotten egg, and it is believed to be produced by the partial decomposition of the albumen. The gas thus generated acts like the carbonic acid gas developed by the leaven, in bread, and cuttery Repaired on short notice, causes the curd to be produce taken.

Second South Street, Opposite Faust's Stables.

Stoves and Cuttery Repaired on short notice, Produce taken. causes the curd to be porous and huffy; and unless the decomposition of the albumen is checked, no amount of pressing will prevent the cheese from swelling up by the expansion of the gas, and becoming porous. There is no waste of butter in consequence of taint, and the cheese is rich and buttery-often goodflavored, if eaten as soon as ripe. It soon degenerates in flavor, and decays early. Hence, shippers dread a porous cheese above all other kinds.

(To be continued.)

The Chicago Times asy there are 25,-000 unemployed men and 19,000 recipi-ents of charity in Chicago, and reminds them that \$1,000,000 were lost in their families by their uncalled for and un-availing strike last summer.

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