CREAMERY INTERESTS.

GETTING THE PROCESS OF MILK TESTING DOWN FINE.

How to Provide the Value of Milk When Tested by the Babcock or a Similar Machine—In Figuring Carry Out the Fractions of Mills to Decimals.

First—Take a fair sample of milk, and find by the rules given for using the machine the per cent. of fat in the milk; then by multiplying the weight of the whole body of milk from which the sample came by the per cent. of fat found it will show the whole weight of fat in the milk weighed in. Even day to day through the month, or as often as tests are taken during the month, credit each patron with the weight of the fat in the milk that applies to. For instance, if one day's milk of 800 pounds test per cent. milk, give the patron credit for twelve pounds of fat in the cheese or butter that is subsequently included in a sale. If both are made once a week add together weight of milk back for former test, whether milk was delivered six or seven days, as the case may be, and multiply the aggregate weight by the per cent. shown by the test.

Second—When a sale is made ascertain the weight of fat of all the patrons that has entered into the weight of the butter or cheese sold. From the sum obtained from the sale of either product, or from both, if both are made, from the milk, deduct the cost of manufacture; then, using the aggregate weight of fat in the sale as a divisor, and the sum of money left, after deducting the cost of manufacture, as a dividend, find the value of one pound of fat in either the butter or cheese, or both, if both are made and are in the sale. Then multiply the weight of the fat each patron has to his credit by the price found for one pound, and pay him so many dollars and cents. Example:

6,667 pounds of cheese sold at 9½ cents	$633.33
Deduct cost of making at 1½ cents	100.00
Balance to be divided	$533.33
Pounds of fat in the cheese sold, say 5.32 of its weight	354.79
Value of each pound of fat present	1.5028
Mr. A having put in 1,094.37 pounds of fat from 34,186 pounds of 3.20 per cent. milk is entitled to	$533.30
B having put in 1,600 pounds of fat from 40,000 pounds of milk is entitled to	780.00
C having put in 960 pounds of fat from 24,000 pounds of 4 per cent. milk is entitled to	468.00
D having put in 480 pounds of fat from 8,250 pounds of 4 per cent. milk is entitled to	234.00
Total paid to the four patrons	$2,015.30

which is two cents eight cents of the balance in the pool, as shown above, and that is about as "close a shave" as the average mathematician could make in working out a dividend, unless he had a hint from conscience just how far he had better take in so leaves out fractions of mills. I have purposely taken not round numbers for weight of milk, or per cent. of fat or price of cheese, because it comes as it happens on the books of the factory, and we I put myself in the cheesemaker's place and help him all I can.

I want to also call attention to the absolute necessity of having the mills and fraction of mills carried out at least three figures to the right of the decimal in getting the value of one pound of fat for the multiplier of the aggregate fat of each patron, for the price of the pound is a very intimate representative of the money in the pool.—J. A. Smith in Hoard's Dairyman.

Separated or Gathered Cream?

A writer, commenting on the difference between the two systems, gathered cream and separator, says among other things:

Suppose a creamery is gathering cream from sufficient milk to make 400 pounds of butter per day. Figuring it up, it is easily shown that at least sixty pounds more butter per day could be realized from the same milk were it handled by separators. At thirty cents a pound this in a year would make a loss of $6,570.

Notes.

A writer in the American Agriculturist has been experimenting thoroughly with the dilution method of cream raising. He has tried diluting milk with both hot and cold water for this purpose. As a result he pronounces it a delusion and a snare. No method is equal in his judgment to the raising of the cream by plunging the cans or pans containing the milk into ice water.

Buttermilk contains about the same per cent. of solids as skim milk.

As cows approach calving time their milk increases in solid matter.

When the price of butter goes "away up in G" people stop using it so freely every time, and the price tumbles. This shows that butter is quite as much of a luxury as a necessity, and that a butter pool will not prosper if it sets its foot down too hard upon the necks of the patient public.

Dairymen, if you have never yet prepared a silo, don't you neglect or forget it this summer. The value of properly prepared ensilage as a dairy food cannot be overrated either as to cheapness or nutritious qualities. Press Dry. To May 1 it will furnish the main food for your cows at a cost not much over one-third of what any other food would be. Fact.

Call your herd and fatten the poor milkers on pumpkins and corn meal and beef them cheaply and speedily.

A Canadian young lady, Miss Drewry, is an expert cheesemaker, and is preparing to start a factory of her own at Morden, Manitoba.

Is it really true that Canada is going to be the cheesemaking country of the world? If so the northwestern cheesemakers and dairymen of the United States will be very much to blame, and will have missed sweep golden opportunities. There is no better cheese making land than many parts of the United States are. The care and scientific study of the business are what produce the difference between good and bad cheese.

Work for Little Hands.

Although the summer is not here
As yet, in every head
We see the grass's little kids
Are playing in the meed.
—Cincinnati Enquirer.

A Matter of Doubt.

Dyson—That's an elegant new house of Potter. It is all finished, isn't it?

Dealz (absently)—I don't know. My wife hasn't looked through it yet.—Chicago Tribune.

DEPEW'S DEAREST RIVAL.

The Fact That Mrs. Chauncey M. Depew Plays in the Story Teller's Life.

That good story tellers are rarities is axiomatic, and that two good story tellers living in this world at once and wife can be found seems almost impossible. Yet the person of that trade—Chauncey Mitchell Depew—has in his charming wife a most dangerous rival in his own field, and the apparently impossible is here a fact. In appearance Mrs. Depew is of medium height and slight, graceful figure, in which her statuesque of average imparts great dignity. She is probably between thirty-five and forty years old, looking much nearer the former than the latter age. Her face is charming and beautiful, though like many such faces, a photograph misses much of its chief beauty—its variety of expression and brilliancy of coloring. Her hair, which is of a dark brown, is worn in soft curls high on her forehead and head, the eyebrows and lashes shade her most beautiful and expressive feature, the eyes, which are a deep brown in color and of great variety in expression.

Immediately after her marriage in 1871 Mrs. Depew commenced to act as her husband's secretary, and has ever since been of the greatest assistance to him. It seems a very easy matter to the matchless that of preventing a man's engagements from conflicting, but practical experience teaches differently, and when Mr. Depew found himself engaged at three different places during the same hours of the same evening he was more than willing to have his wife take possession and straighten things for him once more. She is a constant aid to him in many other ways, and the frequency with which the private telephone between his office and her suite of rooms sounds is evidence of the importance put thus she plays in his business as well as domestic affairs.

In addition to her duties as secretary, which include the receiving and acknowledging of all Mr. Depew's invitations (and it must be remembered that these amount often to several hundred a week), as well as the care of all his personal mail, Mrs. Depew personally supervises the education, wedding and recreations of her son and of her two little orphan nieces, is her own housekeeper, and yet with all this she finds opportunity to continue her studies in German and French and be practice daily. Besides being a most proficient pianist Mrs. Depew sings very well. Her voice is contralto and owns a quality.

Mrs. Depew is rarely seen in society, as she has been in almost constant attendance for a number of years past, and her many acquaintance now completely occupy her time. She is a woman who believes that women's first duty lie in the home life and home cares.

Publicly her charitable work is not much; privately it is extensive. As president of the Ladies' Hahnemann Hospital association of New York she has a considerable amount of tours and committee work to accomplish, and bears the reputation of being the most successful administrator in the city. She feels great interest in the welfare of young girls and women who are earning their livelihoods, and that this interest is well known among such classes is evident from the number of girls who seek her for assistance and advice, and to them she is a very sympathetic Ladies' Home Journal.

As we come to do something with the anniversary of England. They have become a scandal to the honest, respectable middle classes, so called. When not imbecile or insane they are rakes and debauchees, many of them, of a kind which makes humanity blush. Noble lords are now on the list of scandale nuit for publication. They cheat at cards and have race. One of them, Lord James Edward Hubbe Douglas, brother of the Marquis of Queensberry, recently ended his career by cutting his throat with a razor. The blood of such nobility as this ought to run out speedily. Generations of idleness and pampering have wrought their inevitable results. They ought to be a new deal, and these noble families ought to get some body and brain into them again by working for their living for a few centuries.

A Busy Life.

Dr. Edward Maynard, who died lately in Washington, aged seventy-eight, was a signal instance of how much work, and important work too, a man may crowd into a long life, and yet never have his name in the newspapers. Dr. Edward Maynard began his career as a dentist. In 1839 he accomplished the feat of filling the nerve cavity and nerve canals of molar and bicuspid teeth with gold foil. So far as known, this had never been done before. Dr. Maynard introduced the operation in Europe. The imperial family of St. Petersburg employed him at same as their dentist. The czar offered him a fine salary and the rank of major if he would stay in Russia permanently and relieve imperial toothache. But Maynard, the plain American citizen, refused. Then Czar Nicholas gave him a splendid diamond ring.

Dr. Maynard returned to his country. His inventive faculties then turned toward firearms. He invented the metallic cartridge shell, the Maynard rifle and fulminate automatic priming. A process devised by him enabled smoothbore muskets to be changed into rifles. The king of Sweden gave him the Medal of Merit, an honor of the highest grade in that country, while the king of Prussia made him a chevalier of the military order of the Red Eagle. But his own countrymen know very little about him.

His Methods Scientific.

Uncle Daniel McGary inflicted another trick than knocking out the bull's-eye from his ancestors, the hunters of Kentucky. They did not shoot bullets into squirrels, but, as the phrase was, barked them. The shots went between the sides of the small animals and the limbs on which they stood, and sent the game to the ground in a series of concussions, with the brains knocked out of them, without spoiling their skins and flesh. The old man never mangles his game. He is an example of democratic simplicity in his everyday makeup, but not averse to social enjoyment.—Galveston News.

The sentiment in favor of cremation or incineration instead of burial of the human body seems to be increasing. Proof of this is found anew in the incineration of the remains of both the Drs. Leidy, at Philadelphia. The fame of one of these, Dr. Joseph Leidy, was world wide. The other brother, Dr. Philip Leidy, was no less distinguished in Philadelphia as a practitioner. If constitutional authorities like these show in their own cases their preference for cremation the fashion will grow rapidly.

An Idea.

It ought to be true, whether it is or not, this story that comes from a Milan lunatic asylum. The director of the establishment in some way had suggested to him the idea of trying the effect of various colors on his insane patients. There was no dog convenient to try it on first, so he began with a melancholy lunatic. The patient was on down and for gone that he would not eat, and all the nourishment he took had to be administered to him forcibly. The director removed him to a room furnished in a glowing pink color. All around him was of rosy hue, not a dark or sad colored object in sight. In twelve hours the melancholy fellow began to cheer up in the rose room. In twenty-four hours he asked for food of his own accord.

Following out the hint, the director had rooms furnished especially to suit the different cases of his patient. If an insane person was violently raving, he was clapped into a blue or green room, these two colors being found most soothing. If he was suffering from melancholia, there was the room of rose hue, which cheered him perceptibly. Red, however, the color of blood, was proved to be exciting to the patients.

Here is a hint for people outside of lunatic asylums. The major part of mankind is said to be insane more or less. Why not try the color cure? If a woman has settled down into habitual dumps and blues put her in a rose room. If, on the other hand, anybody has become a rabid reformer, with wild eyes and hair and wilder hobbies, soothe him off in a blue or green room. Or, again, if any member of the human family is stolid and stupid as an ox, and no way has yet been found to punch him up and make him march on with the race, give him a fiery red bedroom.

Old Faiths.

In a recent sermon Heber Newton preached from the text, "Now abideth faith, hope and charity, these three, but the greatest of these is charity," which last word the New Testament revisionists tell us should be translated "love." Dr. Newton declared that modern theology had made prominent the second word, "faith," in the text, as if that signified all, unmindful that the apostle himself stated the greatest of the three to be love. And love, the good will and helpfulness of man to man, was in consequence what the world needed most now.

The same week that Dr. Bridgman, of the New York Madison avenue Baptist congregation, bade farewell to his people because he could no longer believe in the orthodox hell, and had said so in a sermon. Therefore, not being in accord with the majority of Baptists on this point, and some of them becoming disturbed on account of his preaching, he felt constrained to bid his congregation farewell. In his address he preached from the text:

Finally, brethren, farewell. Be perfect, be of good comfort, be of one mind, live in peace, and the God of love and peace shall be with you.

In the course of his sermon he said these touching words:

God is my witness that as I came to my flock among them I lived on my knees, and it is my love that then when first written. Having my passports I have served you with sincerity and truth. So far as I understand God's word I have told you it. In nothing vital or essential to gospel truth have I shunned to declare to you, and I have gained a larger idea of God and of Jesus Christ, with of redemption through him. And the more I understand God the more I love the Father and the Son with a larger devotion.

A dispatch from Black River Falls says the Winnebago Indians, after three failures at farming experiments, have given it up as a bad job, and now sit around in the sun and play euchre and monosain and wish the blueberry crop was ripe. The dispatch adds that the land on which these forlorn wretches have tried for three years to grow farm crops consists of a "barren waste of sand hills that will not even produce white beans." Stories are told of sturdy paupers from a blind beggar, but a government that will allow its "Indian wards" to be thrown off upon land like this, and then expect them to become thrifty farmers and make their own living—well, what shall we say of a government like this?

Not everybody is so fortunate as the late Charles Pratt, the Brooklyn oil king. He was a devout Baptist. Some years ago the pastor of the church to which he belonged wrote a novel. It was claimed that in this story the parson dished up Mr. Pratt and some of that magnate's peculiarities. At any rate Mr. Pratt believed this to be the case, and was naturally offended. Thereupon he withdrew from the church where he had so long worshiped and built another, all himself. To this he brought another pastor, a congregation gathered around, and in this, his own church, Mr. Pratt worshiped till his death.

Winie's Great Head.

"Our young friend, Winie, must be improving rapidly. He tells me he has many compliments passed on his poetry nowadays."

"Yes, Winie has taught his parrot to say, 'how beautiful!' 'what feeling!' and so on, every time he reads one of his poems aloud."—Massey's Weekly.

A Good Flash.

Theatrical Manager—Say, can't I have an hour of your time?

Hotel Clerk—What is it you wish me to do?

Manager—I wish you would come over to the theater and wear your dinnerized suit. We want to photograph the audience by flash light.—America.

In this age of advanced newspaper illustration one never knows, when his eye is attracted to a portrait in a popular journal, whether he is looking at the picture of a bishop or of a patent medicine man who has been cured of catarrh by a patent medicine.

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Popular Selections, Ballads, etc., including a Duet by E. D. SPENCER and MYRON W. WHITNEY.

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All Society Patrons will receive notice of Subscription. H. S. Winchell, T. A. Fowler, J. D. Spencer, G. D. Pitfer, Board of Directors. A. Moshier, Secretary.

All outside have Special Sales for this occasion.

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NOTICE.

THE TRUSTEES OF THE THIRTY-FIFTH School District, Salt Lake County, Utah, are now prepared to receive sealed proposals for the erection of a school building on said district, to be built in accordance with plans and specifications had to the Trustees. The plans can be seen on application to Harry Harrison, of Salt Lake City, Utah, Office, Rooms 1 and 2, Dooly Block, and to public on the first day of July, 1891. The work to be completed at the earliest reasonable hours, the trustees reserving the right to reject any and all bids.

O. A. BECKSTEAD,
W. M. WILLS,
THOS. DALE,
Trustees of the Thirty-fifth School District, Salt Lake County.

Dated, Sandy, Utah, May 25, 1891. 35d

17 Years' Deformity Removed in Five Minutes Without Pain!

Prof. Windsor's Staff of Surgeons Straighten the Cross Eye of W. H. Henning.

W. H. HENNING.

(As he appeared before the operation.)

A very decided case of squint-ball, which was with slight disguise in the results, was performed on the most conspicuous eye (left) of a well known member of surgical society, who was seen Friday, May 15, 1891, at the Parsonage, Ogden, by the undersigned and professional friends. Mr. W. H. Henning, who is employed in the Union Pacific Railway shops in this city, was the patient on which the operation was performed, and a cross eye which arranged from infancy attracted great pity. Mr. Henning has suffered upon it childhood accordingly, and the sad disappointment matured in youth, as did the disappointment. PROF. WINDSOR'S surgeons successfully straightened the eye in five mins. so.

MR. HENNING.

(After the operation.)

THEY

WILL REMAIN!

According to contract, Prof. Windsor stated he would pay a certain week's wages of $100 Lectures at the Tabernacle. We are informed Mr. Henning not owing to the Corporation, demands more than the time and in lieu of the time and his notes of Promissory and Negotiable, in consideration of which other engagements have been cancelled as well, the time minutes to be, and slightly modified and recommended only to the Head Work, and Pathway Tabernacle to be on ordinary, so. Prof. Windsor will not accept the work, and is committed to devote his time to professional engagements.

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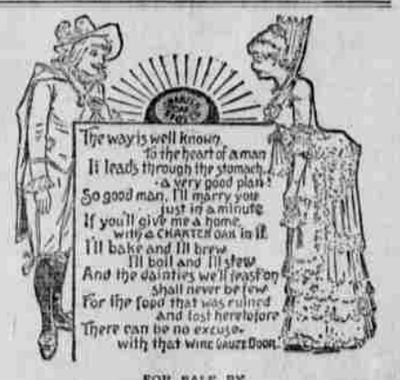

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