

ELECTRICITY

As a Purifying Agent for Food Products.

How modern science is utilising nature's powerful agent to purify, sterilize and improve our food.

We have been so accustomed in the past to hearing almost weekly of some new and marvellous development in the field of electrical science, that we are now not greatly surprised at any new mechanical application of electricity—the wireless telegraph, the telephone, electric motor and the marvellous X Rays.

Many of the wonderful inventions of Edison and others are now past history and accepted facts, but scientists have been busy experimenting with the electric current for other than mechanical purposes, applying it in the practice of medicine as well as in the arts, sciences and many manufactures.

The latest but by no means the least important application of the electric current is for the purification and sterilization of various food products.

Experiments along these lines have been carried on for some years past, but the recent discovery of the value of the electrical current for the purification and sterilization of flour, has attracted wide-spread attention as everyone is naturally interested in anything pertaining to the purification of food.

It was generally considered, that with the improved machinery now employed in thoroughly up-to-date mills, that the milling of flour had practically reached perfection; and in so far as the handling of the flour during the process of manufacture is concerned, this is no doubt quite true; but the discovery of the Electrical process makes it possible to greatly improve the finished product.

The new process is extremely interesting; briefly, it consists in purifying air by passing it through a tremendous electrical flame, the action of this flame upon the air being something in the nature of the action of lightning in the air; the flour is then passed through specially designed purifying machines where it is subjected to the action of the electrically purified air, and the results are certainly little less than marvellous.

The finished flour emerges from the electrical purifiers, a beautiful silvery white color, perfectly sterilized and absolutely pure. The quality is improved as well as the appearance, the purified flour is freed from every particle of the non-nutritive portions of the wheat, viz: the branny particles, leaving only a perfect flour, containing the greatest amount of nutriment in its most easily assimilable form which makes a bread silvery white in color, pure, wholesome and delicious to the taste.

Many of the leading scientists in Great Britain, France and other countries were at first disinclined to accept the claims made as to the benefits to be derived from the electrical purification of various food products, but subsequent, thorough and extensive experiments, covering a period of over two years, have conclusively shown that these electrical processes not only purify but sterilize and improve the various other qualities of flour and similar food products.

That the patents covering these processes are valuable, is evidenced by the extensive litigation in which the various patentees are involved, in both England and the United States, from which is disclosed the fact that practically every large and important miller in both countries has adopted some one or other of the various patented systems in his mills and this is perhaps the most conclusive evidence of the merit of the process.

In view of the apparent great improvement in the wholesomeness and nutritive qualities of flour by use of these inventions, it is hoped that it may not be long before every miller will adopt the electrical system of purification.

The great and growing question of the day is the purification of food products; therefore everything that contributes to the end is hailed as a boon to humanity. No expense should be spared to bring every food product to the highest possible degree of purity.

Christ bears the light that shines upon the road to heaven. While we keep near to him the way is plain; if we lag behind we may be lost; if we follow him afar off, we may reach our home, but it will be with many falls and bruises and tears.—W. B. W.

He wants to have hope, but hope is impossible without faith. He wants us to love him supremely, but one cannot love a God he distrusts. He wants our obedience, but it is folly to speak of obeying one you deny. He wants our service, but no one will serve a God he discredits. Thus faith is back of all God seeks to develop in this life.—W. H. Griffith Thomas.

O, poor worn heart, didst thou but know the name for thy pain, thou wouldst call it sin. What dost thou need, then, but Christ the Son of God, the Heart of God, the Love of God?—Joseph Parker.

Give love, and love to your heart will flow; A strength in your utmost need; Have faith, and a score of hearts will show Their faith in your work and deed.—Sel.

Love does not aim simply at the conscious good of the beloved object; it is not satisfied without perfect loyalty of heart; it aims at its own completeness.—Romola.

The man with a duty says, "Jesus is the Lord," and he is brave. The man with a temptation says, "Jesus in the Lord," and he is firm. The man with a suffering says, "Jesus is the Lord and he is patient."—Philip Brooks.

It is one thing to take no thought for want of thought, and another to take no thought from sufficing thought, whose flower is confidence. The one way is the lovely way of God in the birds, the other his lovelier way in men and women.—George MacDonald.

RAIN SONGS.

The rain streams down like harp-strings from the sky; The wind, that world-old harpist, sitteth by; And ever as he sings his low refrain, He plays upon the harp-strings of the rain. —Lippincott's Magazine.

If we cannot find God in your house and mine, upon the roadside or the margin of the sea, in the bursting seed or opening flower, in the day duty and the night musing, I do not think we should discern him any more on the grass of Eden or beneath the moonlight of Gethsemane. James Martineau.

It is moral courage that characterizes the highest order of manhood and womanhood, the courage to seek and to speak the truth, the courage to be just, the courage to be honest, the courage to resist temptation; the courage to do one's duty.—Samuel Smiles.

THE PURPOSE OF AFFLICTION.

A poor man watched the floods wash away his home and mill. They were all he had in the world. But, as he stood on the scene of his loss, broken hearted, after the water had subsided, he saw something shining in the bank which the water had washed bare. He found it was gold. The floods which had apparently beggared him, had in reality made him rich.

God deals with us in just this manner. His chastisement is given in order to lay bare the "gold" and make us rich.—Sel.

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THE LANTERN

The little town of Falaise is famous as being the Conqueror. The which is said to have the importance of a clear manner.

Many years ago Falaise or lamps of any sort to at night. There were quarrels, disputes, and the displeasure and anger.

To remedy this state the following decree to sound of a trumpet: "Inhabitant of Falaise who must carry a lantern in the next night the v individual.

"Man of Falaise, who 'Here it is.' 'But there is no candle.' 'Well but the notice to be a candle,' answered.

The following day was published: "Henceforth every who goes out after dark hand a lantern with a candle."

That night the watchman same person as on the "Man of Falaise, who 'Here it is.' 'But there is no candle.' 'I beg your pardon, 'Why is it not lighted?' 'Dear me! The candle was to be lighted.' 'The following day the clamor by the town hoped that this time it

"Henceforward every who goes out after dark had a lantern with a candle must be lighted."

"INNOCENT" By Abbie Farwell

I see a little company of pilgrims in their garments bright. Their faith of sunbeams The tender babies like child crusades Devoid of doubt or

Unreeling of the unknowning of the burning sun of the days of drought O starlike and devoted O eager childish What seek ye in the shrine, what

Is it the dear bright The first undimmed Ah, let me join you The shining vision

Make me a little With courage for Blind to the coming And innocently

Honest men esteem much in this world as one is as it were another impart our most secret takes of our joy, and of affliction; add too this, an everlasting pleasure

No restlessness or your lot. Others may standes surrounding the You had better make cept what you cannot beautiful life in the m circumstances.—J. R.

BEECHER AND One evening as Beecher of an impassioned speech to interrupt him by a rooster. It was done ber of people laughed, and the speaker's friend eat the whole effect of