

DOMAIN OF SCIENCE

DEATH BY ELECTRICITY

The final decision of the New York Court of Appeals settles the fate of William Kemmler, who will be the first murderer to be executed by electricity under the new law in New York.

BRIDGING BEHRING STRAIT

Now comes John Muir, a scientific man, who has been making practical explorations in Alaska and of the Behring Strait and sea regions.

USES OF PAPER IN JAPAN

The Japanese use paper every instant. The string with which the articles you buy are fastened is made of paper.

NOTES

Prof. Thomson says that the dynamo of the future will develop from 2,000 to 3,000 horse power, and as there is practically no limit to this increase, he asks the question why it should not go far beyond those figures.

The most recent observations as to the amount of heat the earth receives from the sun show that in clear, pleasant weather 63 per cent of heat is absorbed by the atmosphere and only 36 per cent reaches the soil.

Investigations into the effect that altitude has upon the growth of plants in the Alps and Pyrenees result in proving that height is found to produce modifications not merely in the shape, but in the thickness, of the bark, the color of the leaves and flowers, and even in the anatomical structure of certain organs.

Parliaments were lately treated to a rare effect of mirage. The Eiffel Tower was seen surmounted by an inverted image of itself, vertical in the heavens, and looking like a duplicate continuation of the real structure.

A rare phenomena is reported from St. Melo. Recently during the afternoon, he seen a sun 5 o'clock, three suns were seen in a row 1 little above the western horizon.

THE RIGHT SORT OF A BOY

He is the boy who's not afraid. He is the boy who's not afraid of work. Who never is by toil dismayed.

LADY KILDARE

Or, the Rival Claimants.

CHAPTER XXXIII. HOLDING A PARLEY.

It was some twenty-four hours subsequent to the return of the Lady Nora to Kildare Castle.

The drawbridge was still up, and old Dennis, the bridge-keeper, sat in the shadow of his doorway, keeping vigilant watch upon the road that led from the mainland to the island.

Old Dennis came out of his doorway, and stood upon his side of the bank, with half a dozen burly fellows at his back.

The meeting between the two step-sisters was joyful, as may be imagined. The Lady Kathleen announced her intention of remaining at Kildare Castle until she should be summoned to follow Bassantyne to the Continent.

Lord Treham and the Lady Kathleen did not meet that evening. Contrary to the expectations of Nora and Lord O'Neill, nothing was heard that night of or from the new earl, his mother, or Michael Kildare.

The next morning the Lady Kathleen and Lord Treham met each other in the breakfast parlour, a few moments before the remaining members of the family made their appearance.

The Lady Kathleen was standing in the great bay-window overlooking the sea, in the midst of the little grove of potted plants and hanging baskets, when her de-frauded lover came in.

Both started—both turned pale. Then Lord Treham came forward and gave Lady Kathleen his hand, and they met. How both had changed since the night of that fatal marriage on the lonely Scottish shore!

By the time the horses were brought around the ladies were ready. The Lady Nora, habited in dark green, and with a low-crowned hat and floating plumes, mounted her favorite Turostan.

The good chaplain, whose sympathies were all with the Lady Nora, was also mounted, riding a shaggy pony upon which he was in the habit of riding about the island, to visit the tenants, his parishioners.

The little cavalade swept down the arched, acrolving avenue toward the out-off, and a brisk ride soon brought them to the bridge house.

Here were drawn up two parties, one on each bank of the swift torrent. On the island side were old Dennis and a dozen allies.

The Lady Nora rode up to the very edge of the steep bank of the out-off, at the head of her little party, and halted at the brink.

Her bright, keen eyes roamed over the opposite group in searching scrutiny. Old Shane's description of its members had been accurate.

At the Lady Nora rode up to the opposite bank, Sir Russel rode forward also to the brink of the out-off. His lordly face was set in a stern, unsmiling expression.

"And what may your opinion in the case be, Sir Russel?" he asked. "Your lover, Will Larry, is a penniless fellow, who is ready for any excitement or sensation."

"Do you dictate terms to me?" ejaculated Sir Russel angrily. "I will promise nothing! When I come over, Mr. Michael Kildare and the earl will cross with me!"

"My dear guardian, I wish I could explain this matter to you fully!" exclaimed the young heiress. "This man, Redmond Kildare, is not the 'rightful owner' of the castle and estates."

"I cannot leave Kildare," replied the Lady Nora. "But, Sir Russel, I do not defy your authority. I honor and esteem you. You know papa wished me to remain at Point Kildare, and I must stay here until I am legally ejected. But I shall be glad to see you here alone, Sir Russel, at any time. Perhaps, in a private interview with you, I might convince you of the truth and justice of what I have alleged."

harmless, insignificant fellow, like your old Danlog, where I live him (I wish you'd return) send for him, Sir Russel. Question him, and you'll see what a fine fellow he is."

"Nonsense," cried Sir Russel. "Nora's life consists in a fall to the ground of them to love. I know you too well, my dear fellow, to believe you capable of planning a foul murder. And besides, what reason could the basest man have conceived for the murder of Nora? My poor Nora," he added sternly, fixing his gaze on the young girl, "you should have devised a more skillful story than this, if you desired to injure your kinsman."

"Decidedly," said Mr. Wedburn. "Her ladyship shows a poverty of invention." "All this is wandering from the main point," cried the new earl. "I want to get over on the island."

She bowed haughtily and retreated from the bank, her friends retiring with her into the edge of the avenue, where they came to a halt.

"It is impossible to leap the stream," said the baronet. "If it were possible, I would do so." "If we could get into the castle by stratagem," suggested the new earl, "we should be in possession. And possession, you lawyers say, is everything."

"I have a better idea," interposed Michael Kildare. "If we retire, as his lordship says, those on the island will relax their vigilance, and we can easily land this very morning in broad daylight. The woods on the north side of the island will screen our approach, and once on the island, we can creep up to the castle under cover of the rocks. It will be easy then to get into the castle."

"Ah, yes, the boats. One will be enough. And that we can easily get. There's a fisherman living on the mainland, in a lonely spot a mile or so beyond the north end of the island. We can hire his boat. Let us meet strategy with strategy. Do you not say so?"

The baronet, Mr. Wedburn, and Redmond Kildare assented to this plan. The countess, who had listened eagerly and in silence, added her approval.

"The Lady Nora and Lord O'Neill came out upon the opposite side; to hear the conclusion the young girl's guardians had arrived at."

"We retire," said the baronet grimly. "The Lady Nora bids Lord Kildare to have recourse to the law, and he will obey her. One word as to myself. Do I understand your ladyship as defying my authority as your guardian, and refusing to go with me to England?"

"I cannot leave Kildare," replied the Lady Nora. "But, Sir Russel, I do not defy your authority. I honor and esteem you. You know papa wished me to remain at Point Kildare, and I must stay here until I am legally ejected. But I shall be glad to see you here alone, Sir Russel, at any time. Perhaps, in a private interview with you, I might convince you of the truth and justice of what I have alleged."

CONSUMPTION CURED.

An old physician, retired from practice, having had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma, and all throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints, after having tested the wonderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellows.

agement in women than any medicine one could use. During growth, there must be ample sleep if the brain is to develop to its full extent, and the more nervous, excitable or precocious a child is, the longer sleep should be given it. Intellectual growth is not to come to a premature end, or its life to be cut short at an early age.

MAY DAY RIOTING EXPECTED.

London, April 16.—The present outlook throughout the continent for a possible observance of May day is much more favorable, although there is a likelihood the day will be marked by disorder in some localities.

O'Dougherty of Derry.

In its new Bishopric the diocese of Derry is possessed, it is quite evident, of a learned and patriotic spiritual guide. He made a charming address to the young ladies of the Convent of Mercy School, delivered on March 28th.

To Direct the Labor Movement.

Berlin, April 16.—The German trades unions are discussing the question of forming a joint central committee, which shall possess the sole powers of ordering strikes, determining whether such movements are justifiable or feasible, conducting negotiations between employers and employer, and in fact assume the entire direction of labor movements.

ST. JAMES, GIBSON, CO., IND., NOV. '88.

The Rev. J. J. Merkel of above named place writes that he is very much pleased with the effect of the Pastor Koenig's Nerve Tonic for nervousness.

REV. CHAS. HOLE, Halifax, N.S., is happy to testify to the benefits received from our Butterfly Belt and Actina. Senator A. E. BOWSFORD, Sackville, N.S., advises everybody to use Actina for failing eyesight.

READ OUR HOME REFERENCES:

REV. CHAS. HOLE, Halifax, N.S., is happy to testify to the benefits received from our Butterfly Belt and Actina. Senator A. E. BOWSFORD, Sackville, N.S., advises everybody to use Actina for failing eyesight.

Advertisement for W. T. BAER & CO. featuring Butterfly Belts and Actina. Text: "Your Belt and Suspensory have cured me of impotency," writes G. A. "I would not be without your Belt and Suspensory for \$50," writes J. H. G. "For general debility your Belt and Suspensory are cheap at any price," says Mr. S. M. C. These letters are on file.

Advertisement for FATHER KOENIG'S NERVE TONIC. Text: "A NATURAL REMEDY for Nervousness, Headache, St. Vitus Dance, Neuritis, Hypochondria, Epilepsy, Insomnia, Dizziness, Brain and Spinal Weakness."

Advertisement for TERRIBLE ATTACKS. Text: "ALAMOSA, Cal., Jan. '89. My wife was troubled with nervousness about one year before she took Pastor Koenig's Nerve Tonic, and at that time had very severe attacks of spasms, convulsions, and pains in different parts of the body."

Advertisement for IN MONTREAL. Text: "Agents: — B. E. MCGILL, No. 2128 Notre Dame Street; JNO. T. LYONS, cor. Brandy and Craig streets; Picault & Constant, cor. Notre Dame and Bonsecours streets; S. Luchance, St. Catherine street. Price \$1.25, or six bottles for \$6.00. Large bottles \$2.00, or six bottles for \$11.00."

Advertisement for BAILEY'S REFLECTORS. Text: "A wonderful invention for the use of the CHURCHES, Halls, etc. It is made of pure copper and tin for Churches, Schools, Fire Alarms, Parks, etc. FULLY WARRANTED. Price \$1.00 per pair. Wholesale price \$0.75 per pair. BAILEY REFLECTOR CO., 112 Wood St., Pittsburgh, Pa."

Advertisement for EPPS'S COCOA. Text: "By a thorough knowledge of the natural laws which govern the operations of digestion and nutrition, and by a careful application of the fine properties of well-selected Cocoa, Epps has provided our breakfast tables with a delicately flavored beverage which will save us many heavy doctors' bills."

Advertisement for DROPSY. Text: "TREATED FREE. Positively Cured with Epps's Dropsy Cure. Have cured many thousands of cases. Cure patients pronounced cured by the best medical authorities. For those who are unable to walk, and in ten days at least two-thirds of all symptoms disappear. A full and complete BOOK of testimonials of this TEN DAYS' treatment FREE by mail. Send for it at once. DE. H. H. GREEN & SONS, ATLANTA, GA."

Large advertisement for The Only Appliances HAVING ABSORBENT QUALITIES. Text: "A New Lease of Life. A Cure Without Medicine. All diseases are Cured by our Medicated Electric Belt and Appliances. On the principle that Electricity is Life, our Appliances cure directly in contact with the diseased part. They act as cathartics by desorbing the germs of disease and removing all impurities from the body. Diseases are successfully treated by correspondence, as our goods can be applied at home."