

THE FIELD OF ELECTRICITY

Track of Doom for the Horse—Rich Pasture of the Irresistible Current.

Longer life for man kind, retirement of the horse as a beast of burden and photographs transmitted by wire are among the early triumphs of electricity predicted by the "Wizard of Menlo Park," Thomas Edison. In talking to a reporter at Youngstown, O., he said: "At present I am working on a device for sending photographs by wire. I am perfecting the machine now and it will be a success. By this invention an artist can place his sketch in it and, by attaching the same to a wire, send in the picture to his paper. I am doing the work for Homer Davenport, the artist. This thing has been done before, but the machines have been too enormous. I intend to make this more similar to a kodak. "I believe in ten years a horse will be here sight. The automobile carriage will be here to stay. It is now practicable, and will soon be cheap enough for general use. Gasoline will be the motive power, for it is more economical and a large supply of it can be carried. Electric storage batteries are too heavy and, besides, they are not practicable. The horseless carriage will also hasten the road road movement."

"Do you think the end of electricity invention has nearly been reached?" "There is no end to anything," replied Mr. Edison. "Man is so finite that he cannot possibly learn one-millionth part of what is to be known. He might put in fifty years on the study of water alone, and beyond learning the component parts of it he would know nothing. Only the ignorant say we are near the limit in electrical invention. There is no limit. "I believe the life of man can be prolonged. Man ought to live to be 100 years of age. This can be done by supplying lost tissue from the lower animals. This will be done by transfusion and engrafting. We would live longer, but we abuse ourselves by excesses and indulgence in whiskey, etc."

Plumbers Threatened.

Prof. R. W. Wood, instructor in physics in the University of Nebraska, threatens to pluck a few diamonds from the showy bosom of the plumbing fraternity and transfer a few of their diggings to owners of power houses. The professor's scheme is to thaw out frozen water pipes with electricity. The job is said to be as easy as rolling off a log. What it means to distressed housekeepers during a blizzard cannot be estimated, nor can one contemplate its success without feeling that it brings longed-for relief to the overworked manipulator of pipes at a season of the year when the rest cure is preferable to a cold job in cellar or garret. Prof. Wood conducted two successful experiments at Madison. He took the electric current used for street lighting purposes, attached one wire to the frozen pipe inside the cellar of one house and the other wire to a similar pipe in another house, thus completing the circuit. A current of about fifty volts was then turned on, heating the pipe and melting the ice within.

Prof. Wood's plan has been successfully worked at the residence of ex-Senator W. F. Vilas. At the Vilas home 150 feet of frozen lead pipe was thawed out in eighteen minutes. Prof. Wood uses a "transformer" to reduce the voltage so that the current will not melt the pipes. There were 400 frozen pipes in Madison and the work of thawing them out with electricity began in earnest last Monday. The discovery will obviate the necessity for excavating, which has always heretofore been the expensive feature.

A New French Telephone.

According to the La Vie Scientifique the French minister of commerce has been conducted experiments with a new telephone invented by Pierre Germain, an inspector of telegraphs in Paris. In order to secure patent rights the inventor has withheld all information regarding the mechanical construction of his telephone. From the little that can be gleaned from the first experiment made, it would seem that the telephone was capable of producing sounds with greatly increased phonic power, but with a loss in clearness. In the experiments, the receiver having been brought closer to the ear, not a single intelligible word could be heard; but the greater the distance between the receiver and the ear, the clearer was the sound reproduced. The first defect, it is said, has been remedied. When the experiments were made with this instrument men and women walking in the streets, and more than 100 yards distant from the receiver would stop and stare, wondering whence came the voice of superhuman power which they heard above the din of the streets. So powerful is this instrument that when used in connection with a phonograph it is capable of emitting audible sound waves to a distance of nearly 2,000 feet.

Electric Post Systems in Germany.

A company is being formed in Brussels under the name of the International Electric Post System, to erect electrical central stations for changing accumulators at different points on good driving roads, where automobile vehicles, particularly of tourists, would be likely to travel. The plan provides for establishments where not only accumulators may be recharged, but accommodations, sup-

plies and repairs provided for bicycles and all forms of auto-carriages. There will be a restaurant and doctor's office on the premises, and probably in direct or near connection a hotel or inn where travelers may put up for the night. It is intended that the first system shall be operated on the road between Brussels and Paris along the Meuse valley. Eventually the system will cover all the well-traveled roads of France and Belgium, and it is believed that sufficient patronage will be given the wayside stations by the large number of wheelmen now frequenting these roads and afford them support until the practice of traveling by electric or other self-propelling carriages becomes firmly established.

X-Rays and Insanity.

As the result of a number of experiments with X-rays in Chicago it is asserted that the rays are to become a medium through which reason may be restored to insane persons. It has been found that by the rays brain tumors, responsible for many cases of alienation of mind, can be located. Preparations are being made by several eminent physicians for a test operation in what has been considered an incurable case. The patient will be a wealthy young man who for several years has been confined in the Kankakee asylum. The patient has already been examined by the X-ray process. Those who conducted the experiment say that the skiagraphs plainly show a tumor pressing on the brain. The physicians claim that the removal of the tumor will not be dangerous, and they expect the young man's mind will be fully restored.

SWEETHEART OF LONG AGO.

Molly is fixin' ter marry—Jenny is livin' away, An' the boys hain't been back at the ol' home in many an' many a day. An' somehow the spring's lost its sweetness, an' lonesome an' long falls the snow, An' nuthin' is left but the pictur' of the sweetheart I loved long ago. I never was one for complainin'—but somethin' seems lost from life's skies, An' often in sunshine it's rainin'—it's rainin' 'eround' my ol' eyes! Fer here's whar her arms was croun' me—an' here's whar she smiled on me so, An' all that is left is the pictur' of the sweetheart I loved long ago. The medder still feels the lark's shadder, an' frequent I hear the birds sing, Just as ef nuthin' had happened ter all the red roses of spring! Just as they sung at her wedding'. But how kin the singin' birds know That nuthin' is left but the pictur' of the sweetheart I loved long ago? Nuthin' Thar's Molly a-comin' an' bringin' a rose ter me—Well, Life's story's tol' over an' over, 'till nuthin' is new that we tell. Her arms eroun' my neck, an' her blue eyes in tears at my takin' on so—Kiss me, dear—fer you're jest like the pictur' of the sweetheart I loved long ago!

RECESSIONAL.

God of our fathers known of old— Lord of our far-flung battle-line— Beneath whose awful hand we hold Dominion over palm and pine— Lord God of Hosts, be with us yet, Lest we forget—lest we forget! The tumult and the shouting dies— The captains and the kings depart; Still stands Thine ancient sacrifice, An humble and a contrite heart, Lord God of Hosts, be with us yet, Lest we forget—lest we forget! Far-called our navies melt away— On dune and headlands sinks the fire— Lo, all our pomp of yesterday Is one with Nineveh and Tyre! Judge of the Nations, spare us yet, Lest we forget—lest we forget! If drunk with sight of power we loose Wild tongues that have not Thee in awe— Such boasting as the Gentiles use Or lesser breeds without the law— Lord God of Hosts, be with us yet, Lest we forget—lest we forget! For heathen heart that puts her trust In reeking tube and iron shard— All valiant dust that builds on dust, And guarding calls not Thee to guard— For frantic boast and foolish word, Thy mercy on Thy people, Lord! Amen.

LIFE.

Silently, swiftly, one by one We march down the aisles of time; Musical murmur and mournful moan, Plaintive pleading and tender tone, Blend in a living rhyme. Hope and happiness, faith and fame, All are swept along Into a future misty and gray. People with phantoms grim and gay. Some with a curse and some with a song. Lives that were full of happiness, Others that teemed with sin; Shadowy phantoms of bygone days On a suffering soul turn full their gaze. And we long for the "Might have been." But the longing is vain, for the past is dead And a passing present is all we know. Futurity's riddle we may not read. But the pains of the past with its lust

and greed Should tell us the way to go. Prince and pauper are peers in death, Their ashes are blown where their feet once trod, Out of the past with its weal and woe Into the future of doubt we go, Christian and pagan to face one God!

PEOPLE OF SHADOW STREET.

Ah, long and narrow is Shadow street, Where the sunlight never can fall; Whose mile after mile can but repeat The crumbling house and the broken wall; The marsh beyond and the cypress trees— A misty veil and a somber pall. Over its lichen pavements, see The people of Shadow street creep. They seem so like unto you and me, As they stare or frown or weep; But they're something more and something less, And their eyes are dim as with sleep. They think they are live and wide awake. They are busy with dreams long dead. Their hurrying feet no progress make, And their clocks tell time that has fled. They are planning the triumphs of yest'erd, They are coining the words long said. They toil and moil; they rhyme and they sing, But none of the other takes heed. Their hopes are ravens on weary wing That out of their hearts they feed; Each man and woman in twilight blur Clasp tightly a mildewed weed. This corner house on the Market Square Is the place where they first abide. They climb one more up its creeping stair, And by dusk steal out at the side. They come, pushed out of the pulsing town And so into Shadow street glide. From house after house, from day to day, They moved when the night has pale; Thin and grizzled and farther away, And by many a pang assailed. They pass at last 'neath the cypress trees, But they never know they have failed.

IMPIETIES.

The celebrated preacher had just finished his sermon, when the reporter rose from his seat at the back and started down the aisle. "Ah, brother," spoke the minister in a voice that trembled with emotion, "have you come to be saved?" "No, sir; I have come for a copy of your sermon."

Archbishop Temple the other night dropped in upon an East End, London, revival service and had joined in singing a Moody and Sankey hymn when a sailor seated next him whispered: "Ere dry up, minister; you're spiling the 'ole show!"

The bishop of Wakefield was traveling late one night third class. His journey was peaceful until half a dozen porters invaded the carriage. Their conversation was argumentative and their language was more than forcible. The bishop, greatly impressed by the avalanche of adjectives, quietly remarked: "Gentlemen, pre-let your conversation be a trifle more anaemic."

Rev. Charles Edward Locke, a bright and shining ornament of Methodism, was being shown through Grace church, New York, by an Episcopalian admirer. Gazing interestedly at the stars painted on the ceiling the visitor inquired if they had any special significance. "Oh!" was the reply, "you know what the bible says, 'He made the stars also.'" "Ah!" commented the Methodist parson. "Do you know the difference between your church and ours?" "Oh, I don't know!" said the Episcopalian adherent doubtfully. "What is it?" "You put your stars in the ceiling. We put ours in the pulpit," was the answer.

At the close of service one Sunday morning the pastor of a city church went down the aisle, as was his custom, to greet the strangers in the congregation. "You are not a member of our church," he said to one of them. "No, sir," replied the stranger. "Do you belong to any denomination, may I ask?" "Well," responded the other, hesitatingly, "I'm what you might call a submerged Presbyterian."

"How is that?" "I was brought up a Presbyterian, my wife is a Methodist, my eldest daughter is a Baptist, my son is the organist at a Universalist church, my second daughter sings in an Episcopal choir and my youngest goes to a Congregational Sunday school."

A Rememberable Name.

A good story is told of Rev. Ottiwell Wood, a celebrated English preacher. Mr. Wood had to appear as a witness in a North Country assize court and was asked and gave his name in due course. "What?" ask the judge, peevishly, being rather deaf. Mr. Wood repeated his answer. "Can't hear you; spell it out," snapped the judge. "O, double T, I, double U, E, double L, double U, double O, D."

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NOTICE OF ADMINISTRATOR'S SALE.

NOTICE IS HEREBY GIVEN.—That by virtue of an order of the County Court of the State of Oregon for Tillamook County, duly made and entered on March 7th, 1899, in the matter of the Estate of J. E. BARRETT, deceased, the undersigned, administrator of said estate, will from and after Friday, April 7th, 1899, proceed to sell at private sale, the following described real estate situated in Tillamook County, Oregon, to-wit: Lot four (4) in block eleven (11) of Court & McCoy's addition to Bay City, in said county and state. The terms of said sale will be as follows, to-wit: Not less than \$25.00 and the purchase price to be paid at time of sale, and the remainder within one year thereafter, at a time to be agreed upon between the administrator and the purchaser, said remainder to be secured by note of the purchaser, with a mortgage upon the premises, and to draw interest at ten per cent. per annum until paid; said sale to be subject to confirmation by said court. For further particulars, inquire of the undersigned at Tillamook City, Oregon.

GUARDIAN SALE.

NOTICE IS HEREBY GIVEN.—That in pursuance of an order of sale made and entered by the County Court of the State of Oregon, for Tillamook county, on March 7th, 1899, in the matter of the guardianship of JOYCE B. QUICK and RAY M. QUICK, minors, the undersigned guardian, will at 10 o'clock a.m., April 7th, 1899, at the door of the County Court House, in said county, sell at public auction for cash, a one-seventh interest in the following described real property situated in said county: Beginning at the N. e. cor. of the E. Thomas D. L. C. in Sec. 30, T. 1 S. R. 9 W.; thence S. 77 ft.; thence S. 77 degs. E. following the center of the county road, 108, 6 ft. to the point of beginning; thence S. 77 degs. E. 82 1/2 ft. in center of said county road to intersect the E. line of Lot 2, Sec. 30, thence N. on E. line of said lot 2 to the S. bank of Hoquart's Slough; thence westerly on the S. bank of said slough to make a bearing of 80.2 ft.; thence S. to point of beginning. Lying on the E. side of said lot 2. OLIVE A. DAVIDSON, Guardian of Joyce B. Quick and Ray M. Quick, minors. Dated March 8th, 1899.

NOTICE OF GUARDIAN SALE.

NOTICE IS HEREBY GIVEN.—That in pursuance of an order of sale made and entered by the County Court of the County of Tillamook, state of Oregon, on the 7th day of March, A. D. 1899, in the matter of the Estate of FREDERICK M. DAVIDSON and MONTIE V. DAVIDSON, minors, the undersigned guardian of the person and estate of said minors, will sell at public auction, subject to confirmation of said court, a one-seventh interest in the following described real property, to-wit: Beginning at the N. e. corner of the Edrick Thomas Donation Land Claim, in Section 30, T. 1 S., R. 9 W., thence South, 30 feet, then North 77 degs. East, following center of County Road 108 6 feet to point of beginning; thence South 77 degs. East 82 1/2 feet in center of County Road to intersect the East line of Lot 2, in Section 30, thence North on East line of said Lot 2 to the South bank of Hoquart Slough, thence westerly on the South bank of said slough, to make a bearing of 80.2 feet, thence South to point of beginning, containing one acre more or less, lying on the East side of Lot 2, Section 30, T. 1 S., R. 9 W., in Tillamook county, Oregon. Said sale will be made on the 7th day of April, 1899, at 10 o'clock in the forenoon, at the Court House door, in said County and State; terms of sale will be one-half of the purchase price to be paid at time of sale and the balance to be paid on confirmation of sale. GEORGE WILLIAM, Guardian of the person and estate of Frederick M. and Montie V. Davidson, minors. Dated this 9th day of March, A. D. 1899.

CONTEST NOTICE.

DEPARTMENT OF THE INTERIOR, United States Land Office, Oregon City, Oregon, March 4th, 1899. A sufficient contest affidavit having been filed in this office by SAMUEL J. HOBSON, contestant, against homestead entry No. 1192, made July 12th, 1894, for S 1/4 of Sec. 14 and S 1/2 of Sec. 15, Township 8 N., Range 10 W., by Stephen McDonald, contestee, in which it is alleged that the said Stephen McDonald has wholly abandoned said tract and changed his residence there from more than two years since making said entry and next prior to the date of said contest affidavit, viz., February 8th, 1899; that said tract is not settled upon and cultivated by said party as required by law, and that entryman's absence was not due to his employment in the military or naval service of the United States in time of war, said parties are hereby notified to appear, respond and offer evidence touching said allegation at 10 o'clock a.m. on April 17th, 1899, before the Register and Receiver at the United States Land Office in Oregon City, Oregon. The said contestant having, in a proper affidavit, filed March 1st, 1899, set forth facts which show that after due diligent personal service of this notice cannot be made, it is hereby ordered and directed that such notice be given by due and proper publication. CHAS. B. MOORES, Register. WM. GALLOWAY, Receiver.

NOTICE FOR PUBLICATION.

Land Office at Oregon City, Ore., February 11th, 1899. Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the County Clerk, of Tillamook co., at Tillamook, Oregon, on March 25th, 1899, viz: MYRON E. RYNOIDS; Pro. D. S. 707 for the S 1/4 of Sec. 4, N 1/2 of Sec. 14, S 1/2 of Sec. 15, T. 8 N., R. 7 W. He names the following witnesses to prove continuous residence upon and cultivation of said land, viz: Charles E. Bester and Lucius S. Maynard, of Tillamook, Oregon; James R. Harris, of Bingsworth, Ore.; Charles Himes, of Tillamook, Ore. CHAS. B. MOORES, Register.

St. Alphonsus ACADEMY, TILLAMOOK, OREGON. CLASSES WERE RESUMED ON THE FIRST MONDAY IN SEPTEMBER. GRADED COURSE OF INSTRUCTION ST. ALPHONSUS ACADEMY is divided into four departments, viz: Primary, Intermediate Grammar, and Senior. The year is divided into four terms of eleven weeks each. TUITION FEE. Tuition Fee for one pupil for a term of eleven weeks in the Primary Department, TWO DOLLARS; in the INTERMEDIATE, THREE DOLLARS; GRAMMAR GRADE, FOUR DOLLARS; SENIOR GRADE, FIVE DOLLARS. INSTRUMENTAL MUSIC. Instrumental Music on the Piano or the stringed instruments, for a term of eleven weeks TEN DOLLARS. VOCAL MUSIC. Vocal Music, EIGHT DOLLARS. BUSINESS DEPARTMENT. In the Business Department: Stenograph, Book-keeping, and Typing included, if desired. The common branches, FORTY-FIVE DOLLARS for the whole course. Latin, French, and German included in the Senior Grade. Private lessons in those languages TEN DOLLARS a month. Board and Tuition, including plain and fancy needle work, THIRTY DOLLARS a month. When there are four pupils in one family attending, the last one is free. Sewing school, free to pupils, will be resumed on the first Saturday in October. REGULATIONS. Students are entered at any time during the session. No deduction will be made in either the Academic or Music Department for the Christmas or Easter Holiday for withdrawal before the expiration of the term or absence, except in case of dismissal or prolonged illness. Those who finish a complete course in the Academic or the Commercial Department and pass a satisfactory examination in the branches prescribed are entitled to a Diploma.