A Company Organized to Construct It-Projectors Enthusiastic Concerning the Future of Electricity as a Motive Power.

A company known as the Chicago & St. Louis Electric Railroad Company has been organized for the purpose of constructing and operating an electric

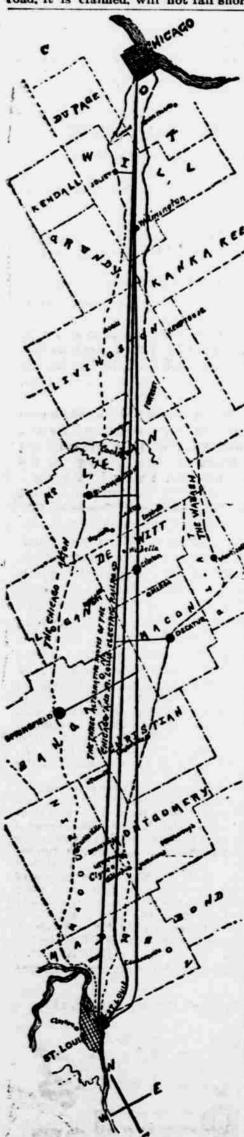
railway system between the cities of Chicago and St. Louis, with suitable branchesto connect points adjacent to the route. This company proposes, also, to supply, by the means of electricity, the people living along the line of its route with heat and power for

all purposes. The company has purchased the exclusive right to operate such railroad between the two cities named from the Adams Electric Railway Company, which owns and controls all patents governing such construction. The projectors of the company are enthusiastic over the plan outlined, and claim that it means a complete revolution in railway construction and manipulation. One of the advantages which are claimed for electricity properly applied as a motor for passenger transportation is the

which may be attained with less danger than now attends the comparatively slow travel of ordinary methods.

greater speed

The speed of trains on this new railroad, it is claimed, will not fall short



of a hundred miles an hour, and even at that velocity the danger will be very little, on account of the lightness of the train, and the precautions which more American.

THE THREE ROUTES.

make collisions imposible. No fuel or water will be carred, as the power will be developed at central station located near the mout of a coal mine somewhere near the cetter of the road. No heavy machinery will be required, and the trains will consist of single cars, thus reducing the strain in bridges and culverts, and lessening be concussion in case of accident. Thisplan will also to a great extent obviate joise and the danger from conflagrations rising from stray sparks.

The new company, in its prospectus detailing the plan of the priposed enterprise, says that the road will be divided up into twenty-five ections of ten miles each, which will constitute a complete block system, making it impossible for any two cars to run at a high speed upon any single section at the same time, thus making collisions impossible. There will be a complete block signaling system by means of incandescent electric lights, witz telephonic communication between cars upon the same section, whether running or standing still. The road will be illuminated by incandescent electric lamps for one mile ahead and one mile behind every car while running. It monarch of the forest, with its leafy will be built in a practically straight fingers, plucks the honors of a thouline, and as far as possible avoid grade crossings of other roads. At all grade its own uplifted brow, as though some crossings, whether wagon or railroad, a red electric light will be displayed and an electric bell rung for two minutes before it is time for the train to pass. It is intended to ultimately construct four tracks, two outside tracks for local traffic and high class freight, eagle, the dove, the swallow, the sparwhile the two inner tracks will be used exclusively for through passenger traf- of us a complete fascination in the fic, mail and high class express.

It further states that the mine from which the coal that generates the power is obtained will be operated by means of electric mining locomotives, electric drills and electric lights, which will greatly cheapen the present cost of the ordinary system of mining coal. The company expects to sell the good coal that it mines, and use only the waste dust or slack to run the engines which develop the power for operating the mine and road, in connection with its distributing system of light and power to consumers along its line. At present such dust and slack is valueless, and has to be hauled away at the expense of the mining company.

The exact location of the proposed road has not been definitely settled, and the accompanying map shows three routes, all practically straight lines, either of which may be utilized. The projectors say it is entirely practicable to build such a road before the as the eagle and thou set thy nest nights in Heaven; no cross looks for old time of the world's fair, and that it among the start thence will I bring people. Dwelling there for ages, no might then be used for the immense traffic incident thereto.

The character of the electric carriage or car that will run on the projected road is shown in the accompanying illustration.

strong car, having two pairs of driving top." "Yea, the stork in the Heaven wheels, each of which are driven by a knoweth her appointed time, and the all over. The tears will never start cheek and the red rose of health parate and distinct electric motor The whole weight of the car with its observe the time of their coming, but beloved sleep. I think the most beautimotors comes upon these two pairs of the Lord," says Jeremah. driving wheels, and is, therefore, all | Ezekiel in my text intimates that available for traction or adhesion be- Christ is the cedar, and the people tween the rails and the wheels, through, from all quarters are the birds that the agency of which the car is pro-pelled. The top of the car stands only be a goodly cedar, and under it shall nine feet from the rail, which is three dwell all fowl of every wing." As in

diameter and are capable of making kinds of people-young and old, rich The weight of the entire car with its eagle, those fierce as the raven, and be interesting in this connection to every wing." state that a steam locomotive to make! First, the young may come. Of the the same speed, if it were practicable, 1893 years that have past since Christ many yards long, and so many yards would have to weigh in the neighbor- came, about 1,600 have been wasted by hood of one hundred tons, and the the good in misdirected efforts. Until present locomotive weighs from sixty! Robert Raikes came there was no orto ninety tons. These electric car- ganized effort to save the young. We riages or cars will be illuminated and spend our strength trying to bead old heated by electricity and will contain trees, when a little pressure would may be those here who never had one all the modern appointments for the have been sufficient for the sapling. comfort of passengers. "Through" We let men go down to the very bottom cars will run at intervals of an hour or of sin before we try to lift them up. It oftener, according to the requirements is a great deal easier to keep a train on of the traffic. Accommodation cars the track than to get it on when will run every half hour, stopping at it is off. The experienced reinsall points along the line.

Fallibility.

The necessity which teachers are under of being perfectly sure of their statements or else of being not too positive in making them was illustrated recently by an incident of actual occurrence in a public high school. A pupil try to raise any other kind of a crop. was reading during a recitation in English literature while the teacher, with no book in his hands, and with folded arms, walked up and down the recita-

"Hypocrisy, says La Rochefoucauld, s the homage which vice pays to vice," the pupil read.

"That is very true," said the teacher, 'but don't say homage; say 'omage; the h is not sounded." "'Omage," said the pupil, obediently.

"Read on, now." "Sir," said the pupil, "may I please read the note at the foot of the page?"

"You may do so." The pupil read: "Homage. In pronouncing this word the h is frequently omitted by uneducated persons. It should always be sounded."

In some cases there is absolutely nothing to be said, and on this occasion the teacher said it .- Youth's Compan-

Very Good. Sojourners in barbarous countries find the natives illustrating their talk with comparisons which sound rather grim to civilized ears. An employe of the Congo Free State writes that he had in his service a black man who was almost always accompanied by an ape, of whom he seemed very fond. One day the native appeared without the animal.

"What have you done with your monkey?" asked the white man. "Monkey? Me eat him up!"

"You ate him! Are monkeys good to "Um-taste same like white man!" said the negro, with an air of keen ap-

preciation. - Youth's Companion. ALTHOUGH managers pay a popular singer pig prices, they do not conceal the fact that they want her services for a song.—BaltiROOM FOR ALL

Dr. Talmage on the Refuge Offered By Religion.

Christianity Ample For All Conditions and Characters-The Infinite Mercy of God-How Easy It is For the Christian to Die.

In a late sermon at Brooklyn Rev. T. De Witt Talmage discoursed on the refuge offered by the Christian religion to people of all ages and every variety of character. His text was Ezekiel xvii. 23. "A goodly cedar and under it shall dwell all fowl of every wing." Dr. Talmage said: The cedar of Lebanon is a royal tree.

It stands 6,000 feet above the level of the sea. A missionary counted the concentric circles and found one tree 8,500 years old-long rooted, broad branches, all the year in luxuriant foliage. The same branches that bent in the hurricane that David saw sweeping over Lebanon, rock to-day over the head of the American traveler. This sand years, and sprinkles them upon great hallelujah of Heaven hal been planted upon Lebanon and it were rising up with its long-armed strength to take hold of the nills whence it came. O, what a fine place for birds to nest in. In hot days they come thither-the roy and the raven. There is to many structure and habits of birds. They seem not more of earth than of Heaven -ever vacillating between the two No wonder that Audubon, with his gun, tramped through all of the American forests in search of new specimens. Geologists have spent years in the new red sandstone. There is enough of God's architecture in a snipe's bill or a grouse's foot to conhave, with clefs and bars, tried to robin. Among the first things the Bible are not dead and stuffed like those of the ruseum, but living birds with fluttering wings and plumage. "Behold the birds of the air," says Christ. "Though thou exalt thyself thee down," exclaims Obadiah. "Gavest thou the goodly wings unto the peacocks?" says Job. David describes his desolation by saying: "I am like a pelican of the wilderness; I am like an owl of the desert; I watch and It is a long, low, compact, light but am as a sparrow alone upon the houseturtle and the crane and the swallow

feet lower than the ordinary street car. | Ezekiel's time, so now-Christ is a The driving wheels are six feet in goodly cedar, and to him are flying all five hundred revolutions in one minute. and poor, men high soaring as the motors weighs but ten tons. It may those gentle as the dove. "All fowl of

> man checks the fiery steed at the first swift hoofs clicking fire from the pavement, and the bit between his teeth, that the young must be allowed to sow their "wild oats." I have noticed that those who sow their wild oats seldom

There are two opposite destinies. If you are going to Heaven you had better | tiou of your lungs. Who helps you to take the straight road and not try to breathe? Have you a Bible in the get to Boston by the way of New Orleans. What is to be the history of this multitude of young people around it has been a story of goodness and me to-day? I will take you by the hand and show you a glorious sunrise. I will not whine about this thing or groan about it; but come, young men you? And when you went astray and and maidens, Jesus wants you. His hand is love; his voice is music; his smile is heaven. Religion will put no his son came back the fourth time said, handcuffs on your wrists, no hoppels on your feet, no brand on your fore-I went through the heaviest snow-

girl. Her cheek on the pillow was white as the snow on the casement. Her large, round eye had not lost any of its luster. Loved ones stood all around the bed trying to hold her back. Her mother could not give her up; and one nearer to her than either father or mother was frantic with grief. I said: "Fanny, how do you feel?" "Oh!" she said, "happy! happy! Mr. Talmage, tell all the young folks that religion will make them happy." As I came out of the room, louder than all the sobs and wailings of grief I heard the clear, sweet, glad voice of the dying on the other side of the river." The next sabbath we buried her. We brought white flowers and laid them on the coffin. There was in all that crowded church but one really happy and delighted face, and that was the face of Fanny. Oh! I vish that now my Lord Jesus would go through this audience and take all these flowers of youth and garland them on His brow. The cedar is a fit refuge for birds of

every wing."

Again: I remark that the old may come. You say: "Suppose a man has to go on crutches; suppose he is blind; suppose he is deaf; suppose nine-tenths of his life has been wasted." Then I answer, come with crutches; come, old man, blind and deaf, come to Jesus. If you would sweep your hands around before your blind eyes, the first thing you would touch would be the cross. It is hard for an aged man or woman to have grown old without religion. Their taste is gone. The peach and thither. They are torn with the shot the grape have lost their flavor. They of temptation, and wounded, and sick, say somehow fruit does not taste as it used to. Their hearing gets defective, beak, some once feasted on carcasses, and they miss a great deal that is said some were fierce of eye and crael of in their presence. Their friends have talon, but they came, flock after flock for and fed, will return a better profit all gone, and everybody seems so strange. The world seems to go from them, and they are left all alone. They begin to feel in the way when you come into the room where they are; and they move their chair nervously, and say, "I hope I am not in the way." Alas! that mother and father should ever be in the way. When you were sick and they sat up all night rocking you, sing- hot hands into the nest, and the birds ing to you, administering to you, did they think you were in the way? Are you tire i of old people? Do you snap | They have over them "the feathers of them up quick and sharp? You will the Almighty." O, to have those soft, be cursed to the bone for your ingratitude and unkindness!

nothing better coming. If there be any here who have gone on far without Christ, I address you deferentially. You have found this a tough world for old people. Alas! to have aches and that you lean on. It is the cane that rod and thy staff, they comfort me." I those you now look through. It is the spiritual eyesight of divine grace. way. Does your head tremble with the found all the universities. Musicians palsy of old age? Lay it on Christ's bosom. Do you feel lonely now that catch the sound of the nightingale and your companions and children are gone? I think Christ has them. They that a child notices is a swallow at are safe in His keeping. Very soon He the eaves, and grandfather goes out will take you where they are. I take with a haadful of crumbs to feed hold of your arm and try to lead you to the snowbirds. The Bible is full of a place where you can put down all ornithological allusions. The birds of your burden. Go with me. Only a little while longer and your sight will come again, and your hearing will come again, and with the strength of an athlete, you will stop on the pavement of Heave a No crutches in Heaven; no sleepless one will say, "Father, you know nothing about this; step back; you are in the way!" O, how many dear old folks us ashore; there are no ladders let down Jesus has put to sleep! How sweetly to pull us up. Christ comes and takes He has closed their eyes! How gently us by the hand and says: "You have folded their arms! How He has put had enough of this; come up." Do you His hand on their silent hearts and hurt a lily when you pluck it? Is there again. Hush! hush!" So He gives His whitens into the passengers and of the two electric my people know not the judgment of ful object on earth is an old Christian -the hair white, not with the frosts of winter, but the blossoms of the trees of life. I never feel sorry for a Christian old man. Why feel sorry for those upon whom the glories of the eternal world are about to burst? They are going to the goodly cedar. Though

> wing?" Again: The very bad, the outrageous ly sinful may come. Men talk of the grace of God as though it were so deep. People point to the dying thief as an encouragement to the sinner. How much better it would be to point to our own case and sav: "If God saved us He can save anybody." There earnest word said to them about their souls. Consider me as putting my hand on your shoulder and looking in your eye. You ask: "How do you know that? He has been very hard on me." "Where did you come from?" "Home." "Then you have a home. Have you jump, for when he gets in full swing, the ever thanked God for your home? Have you children?" "Yes." "Have you ever thanked God for your his momentum is irresistible. It is said children? Who keeps them safe? Were you ever sick?" "Yes." "Who male you wall? Have you been fed every day? Who feeds you? Pst your hand on your pulse. Who makes it throb? Listen to the respirahouse, spreading before you the future life? Who gave you that Bible?' O! mercy all the way through. You have been one of God's pet children. Who fondled you, and caressed you and loved wanted to come back did He ever refuse? I know of a father who, after "No: I forgave three times, but I will never forgive you again," And the son went off and died. But God takes back His children the thousandth time as storm I have ever known to see a dying cheerfully as the first. As easily as with my handkerchief I strike the dust

their wings are heavy with age, God

shall renew their strength like the

eagle, and they shall make their nest

in the cedar. "All fowl of every

off a book God will wipe out all your There are hospitals for "incurables." When men are hopelessly sick, they are sent there. Thank God! there is no hospital for spiritual incurables. Though you had the worst leprosy that ever struck a soul, your flesh shall come again like a little child. O, this to be found all along our southern seamercy of God! I am told that it is an orean. Then I place on it four swiftsatling craft with compass, and charts, and choice rigging, and skillful navigators, and I tell them to launch away. girl: "Good night; we shall meet again | and discover for me the extent of this ocean. That craft puts out in one direction, and sails to the north; this craft to the south; this to the east; this to the west. They crowd on all their canvass and sail ten thousand years, and one day come up the harbor of Heaven, and I shout to them from the beach, "have you found the shore?" and they answer, "no shore to God's mercy!' Swift ange.s, dispatched from the throse, attempt to go across it. For we ought to leave that to the hash? brightest plumage and swiftest wing. a million years they fly and fly, but Texas Siftings.

See, they fly! they fly! "All fowl of then come back and fold their wings at the foot of the throne, and cry, "no shore! no shore to God's mercy!

man bound hand and foot to the devil, but with one stroke of the hammer of God's truth the chains fall off and he is free forever. Mercy! Mercy! Mercy! There is no depth it cannot fathom, there is no height it cannot scale, there is no infinity it cannot compass. I take my stand under this goodly cedar and see the flocks flying and scarred. Some fought with iron the dying will find their nest in this goodly cedar. It is cruel to destroy a bird's nest, but death does not hesitate to destroy one. There was a beautiful nest in the next street. Lovingly the parents brooded over it. There were two or three little robins in the nest. The scarlet fever thrust its are gone. Only those are safe whe have their nests in the goodly cedar. warm, eternal wings stretched over usl Let the storms beat, and the branches O! it is hard to be old without relig- of the cedar toss on the wind-no danion-to feel this world going away and ger. When the storm comes you can see the birds flying to the woods. Ere the storm of death comes down, let as fly to the goodly cedar. Of what great varieties Heaven will be made up! There come men who once were hard pains, and no Christ to sooth them. I and cruel, and desperate in wickedness, want to give you a cane better than | yet now, soft and changed by grace, come into glory: "All fowl of every the Bible speaks of when it says: "Thy wing." And here they come, the childrea who were reared in loving home want to give you better spectacles than | circles, flock ng through the gates of life; "All fowl of every wing." These were white and came from northern Carist will not think that you are in the homes; these were black and ascended from southern plantations; these were copper colored and went up from Indian reservations. "All fowl of every wing." So God gathers them up It is astonishing how easy it is for a good soul to enter lleaven. A prominent business man in during the winter, and good care are Philadelphia went home one afternoon, lay down on the lounge and said: "It is time for me to go." He was very aged. His daughter said to him: "Are you sick?" He said: "No; but it is time for me to ge. Have John put it in two of the morning papers that my full supply of feed. friends may know that I am gone. Good-by," and as quick as that God had taken him. It is easy to go when the time comes

There are no ropes thrown out to pull and gladness? When autumn comes and the giant

of the woods smites his anvil and the strawberry bed with straw to remain leafy sparks flv on the autumnal gale, then there will be thousands of birds gathering in the tree at the corner of the field, just before departing to warmer climes and they will call and sing until the branches drop with the melody. There is a better clime for us and by and by we shall immigrate. We gather in the branches of the goodly cedar, in preparations for departure. You heard our voices in the opening song; you will hear them in the closing song-voices good, voices bad, voices happy, voices distressful-"All fowl of every wing." By and by we shall be gone. If all this audience is saved-as I hope they will be-I see them entering into life. Some have had it hard, some have had it easy. Some were brilliant, some were dull. Some were, the tears of woe. Some crawled, as it and knees, and some seemed to enter and fed green during the summer if from a ship's mast, these were crushed thrifty condition. in a mining disaster. They are God's singing birds now. No gan of hunts man shoots them down. They gather sere you leave no open interstices unon the trees of life and fold their wings der the roots; make sure that the soil on the branches, and, far away from touches the roots at every point. frosts, and winds, and night, they sing until the hills are flooded with joy, and the skies drop music, and the arches of pearl send back the echoes -"All fow! of every wing."

Behold the saints, beloved of God, Washed are their robes in Jesus' blood Brighter 'nan angels, lo! they shine, Their glories splendid and sublime.

Through tribulation great they came: They bore the cross and scorned the shan Now, is the heavenly temple blest, With God they dwell; on Him they rest.

While everlasting ages roll, Eternal love shall feast their soul, And scenes of bliss forever new, Rise in succession to their view.

The Tallow Tree

The tallow tree reaches forty feet in height, the seeds of the flowers of which are covered with something resembling tallow, which rises to the top | be done while the trees are comparawhen the seeds are thrown into boiling water, and, being skimmed off and pressed, makes a hard cake of tallow, from which excellent candles are manufactured and which can be used in various salves and ointments. The tree producing this really valuable substance is a native of China, but now is coast.-Detroit Free Press.

Sanitary Item.

Mamma (to daughter)-Now, Eugenia this is a new life to both of us If your poor, lamented father was alive we wouldn't be reduced to the necessity of keeping a boarding-house. Eugenia-Well, mamma, there doesn't seem to be any other course left us.

Mamma-I know it, Eugenia. You must be very circumspect, and while polite to all, you must, in your late, lamented, nautical father's words, "re-

pel boarders." Engenia-Don't you think, mamma, STOCK ITEMS.

Sheep scatter their droppings mere evenly over the land than any other Mercy! Mercy! I sing it.

I preach it. I pray it. Here I find a Usually with hogs intended for spring market it will be best to commence crowding in good season.

To make the best quality of meat give the hogs clean feed, pure water and comfortable quarters.

Pigs need more or less grain every day from the time they learn to eat until they are finished for market. One of the items in the care and man-

agement of hogs both in breeding and

feeding is to maintain constitutional vigor. Ten good grade cattle, well cared -"all fowl of every wing." Again, all than twenty scrubs left to care for themselves

> In breeding with all classes of animals there will be some inferior animals, hence the necessity for continued care ful selection.

Young stock of all kinds need especial care during the next month or six weeks on account of the changeableness of the weather. With sheep as with other stock a first

cross makes a good feeding animal, but the breeding cannot be carried any farther with profit. Sheep will thrive better if they cas

be given a change of pastures occasionally. In nearly all cases two pastures are better than one. When kept for mutton alone the sheep require extra care. Good past-

urage with liberal feeding is necessary to secure the best results. Filthy quarters at this time is often the cause of disease among the sheep,

especially when the weather is rainy and the quarters get damp in addition. Plenty of cheap pasturage in summer and plenty of good rough feed in win-

ter are two essentials in realizing the

largest profit with cattle on the farm. Lambs, wool, muttons and manure are the four essential points of sheep raising and with all four, if properly managed, a fair profit should be real-

A good grade of stock, good and cheap pasturage, plenty of cheap feed the essentials of profitable cattle keep-

While cattle relish green food early in the spring it is a detriment to turn them into pastures until the grass has made a sufficient growth to furnish a

Because a hog occasionally delights in wallowing in the mud is hardly a sufficient reason for considering them naturally filthy. Give them a fair opportunity and they will keep clean.

FARM NOTES.

Set out your new current plantation as soon as the condition of the ground will permit.

Put your sawdust ground your currant and gooseberry bushes. They need good manure also and will pay for it. If not already done cover over you

and protect the fruit from the ground. One advantage with early planted corn is that it has a better opportunity to get well established before hot dry weather sits in.

Clover can be made to add to the fertility of the soil and also furnish good feed both early and late during the growing season.

Economy is the proper term for good farming. Save the littles all around. Chips will make as good fire while they last as big cord wood.

"he larger the variety of good grasses in the pasture the better and longer the supply of feed can be maintained throughout the season.

One of the best crops to grow and plow under to increase the fertility of rocked by pious parentage, others have the soil is buckwheat by sowing early

had their infantile cheeks scalded with two crops can be grown in one season. Arrange to plant or sow some crops were, into the kingdom on their hands this spring that if needed can be cut off in chariots of flaming fire. Those fell needed, to keep the cattle in a good,

In setting out trees, shrubs, berry plants, berry bushes or flowers, be When there is an in sufficient acre-

age of meadow to supply plenty of hay it will be a good plan to sow millet or Hungarian, either will make good hay if cut in good season and properly

When you set a broody hen give her a green sod for the bottom of her nest; it tends to keep moisture for the eggs. Mark the date of the setting on each egg and see to it that no hens lay to her or break her eggs.

The best sight for the plum orchard is one located where the poultry frequent the most, as they are a great help in the work of destroying insect pests that injure the trees and fruits; plant reasonably close together.

A good plan to prevent crotched trees from splitting is to twist and fasten two small limbs together. This should tively small, so that as they grow they will become more closely united.

Now is the time to put the bands of cotton batting around apple trees to prevent the female of the canker worm from ascending the tree to lay her eggs. If captured in the loose cotton she perishes in the struggle to free herself, and the eggs, if laid, do not hatch and the foliage of the tree is preserved from injury.

A long-handled shovel, which can be used without stooping, saves the back of the man who uses it.

Any hour when no other work is pressing can be put in to advantage in forking over the manure heap.

The winter winds often pile up the leaves of the woods so that they may be easily gathered and used for beddirg down live stock when straw is

Cultivating the ground for flowers and delicate early vegetables can be better accomplished by a four-tined spading fork than with a spade.