C

Recent Events in the Field of Electricity

New York by Trailey. A gentuine air line and will be built an quickly power.

as investors put up the mancy. It will On the New York to Chicago trulley regions where they can get power at prices

the link between Eris, Pa., and Connessit, where the train is made up of several in the world was connected up, practically one car to incider. making it possible to ride by electric car tance of 200 miles.

section of the two great metropolises should occupy but a year or so at most.

A writer in Van Norden's magazine observes that the construction of electric lines is progressing in all parts of the country with a rapidity unparalleled in the history of transportation. Pittsburg is som to be only a trolley ride from Cleveland; Madison, Wis., from Chicago and Wheeling, W. Va., from Columbus, O. A. fast electric line extends from Columbus to indianapellis and plans are maturing to connect Boston with the New York to Chicago route at Albany.

In the south the trolley car has even beme a factor in the transportation of rice and cotton. One more decade will witness the opvering of all the populated sections of the United States with a complete setwork of electric roads, the mileage of which, in some of our states, will soon surmass that of the steam rallways.

More than L800,000,000 passengers were carried on the trolley lines of the United States last year. This is double the number carried a domen yours ago. There are nearly 1,000 companies operating street ides of the size and importance of this new such a triffing cost that they can underindustrial glant.

Scepting and parior cars have already in the enterprise propose to utilize the installed on trolley lines between wast bunks of cuim and rice coal that Columbus, O., and Indianapolis. They are have accumulated during the last half cenowned by the palace car company which tury for producing steam with which to built them, and the arrangement between run the electrical works. There are mil- lines from the vicinity of the railway the electric rouds and these builders is lions of tons of coal in the antiracite resimilar to that of the steam roads and the gion that it does not pay to ship to marpalace car companies. The run of 150 miles ket. It is the size known as "rive," which action has already been taken by one of between Indianapolis and Columbus is is so small that there is hardly any sale the telegraph companies between New York made on a pulsee our electric train between for it. It is used principally at present and New Haven in anticipation of the midnight and 6 o'clock a. m. The sleeping at the boiler plants of the coal companies. electrification of the New York, New Haven r in some respects to It contains from 25 to 40 per cent slate, & Hartford railway.

those of the stants made. Their ingenitous, but makes desirable TTRACTIVE page advertisements construction admits of their being one- where no cost of transportation is inhave appeared in eastern news- verted from chair days in daytime to sheep- velved. It is unded that it is the inter papers during the last three log cars at night. There are upper and tion of the projectors of this from the bullowholds, a projected lower hertis, each fitted with electric con-scheme to transmit their product to Philelectric double track road con- trivances for controlling the lights and adelphia and New York and dispose of onceing Chicago and New York City. Ac- ventilation. Each car is operated by four II is companies in those cities for power. cording to the prospectus it will be a motore, with an aggregate of 60 horse- beat and light. Their first plan will be to invise manufacturers to locate in the coal

Wireless Telegraphy.

A week or two ago satisfactory telephone

communication was established between

tion only needs to be provided with a few

small pieces of auxiliary apparatus. Bat-

tieshins will thus henceforth be in a post-

tion, at distances not exceeding thirty to

thirty-five miles, to communicate with each

other directly by means of the telephone.

and more, wireless telegraphy can be re-

while for greater distances, up to 380 miles

the Berlin offices and the Telefunken com-

not be necessary to walt until this pro- route some of the ordinary day coaches so far below what is paid in the big citles jected road is constructed in order to are built at a cost of \$10.000 to \$11,000. In as to make it an object for them to try travel behind a smokeless motor from one some of these there are observation com- the experiment. efty to the other. With the completion of partments sealing twenty persons, and

the longest length of trolley systems poaches there are vestibules leading from Records for speed far exceeding those of

from Wentheid, in New York state, through the mean rallways have been made on the pany for wireless telegraphy and their northern Ohio to Jankson, Mich. a disporthern Ohio an Jankson, Mich., a dis- trolley lines of both this country and Eu-

of some twenty-five miles, by wireless. It rope. On the Aurora, Eigin & Chicago With the lines now building east of line the distance between Chicago and Auhas long been known in scientific circles Westfield on the route to Buffalo. Roches- rora, which is thirty-five miles, has been that the problem of wireless telephony ter, Syracuse and Albany, and a short line covered in thirty-four minutes and thirtywas one capable of solution, and efforts were made to accomplish this by employalrendy growided for to the west of the mine seconds, including the necessary slowing a microphone, whose vibrations were ing down for the crossings of eight steam. artificially stimulated by means of impulses and five electric roads. The great number from undamped external vibrations, and of steam railway crossings is one barrier the method of effecting this appears now to the highest speed of the electric car. to have been discovered, to judge from the There are 4.500 such crossings in the recent experiments. The results of the United States. On the lines of the Lake demonstration have further shown that it Shore Electric rullway between Toledo and is possible to use wireless telegraphy sta-Cleveland a half mile has been covered at tions for wave telephony, in that the wellthe rate of eighty miles an hour and a known Schloemlich detector is capable of seventy-mile-an-hour rate has been mainbeing employed equally well for wireless tained for three miles. A speed of sixtytelephonic meanages, while the sending stafive miles an hour has been made between

Muncie. Ind., and Indianapolis. In Berlin, over short distances, 100 milles an hour have been reached and exceeded.

Electricity at the Mines. An electrical corporation in Pennyivania proposes to manufacture electricity and furnish it for purposes of light, heat and power to the counties of Luperne. Columbia, Schuylkill, Berks, Lehigh and

Telegraph and Electric Roads Northumberland and other points within In this country, says the Electrical Re-100 miles or so of the coal mines. The view, telograph engineers are in many coal eperators have conceived the idea places encountering serious difficulties in of manufacturing electricity at the mines the operation of their circuits by the enwhere fuel is cheap and then marketing croachments of electric traction systems. it to all the country for miles around. railways and more than 66.000 trolley cars A big power plant is being erected at Har-ere in use. Eighty million dellars was paid wood, and lines of wire will reach from As the employment of high potential alternating currents for electric trantion purout in wages during a recent year by eleo- the mines in Bending, Allentown, Sunposes expands, as it is doing very rapidly trie line companies zeide from the salaries bury. Mauch Chunk, Pottsville, Shamokin, throughout all parts of the United States. of the officials. More than 1,000 people were Bloomsburg and all the towns and ham-It is obvious that telegraph engineers will killed and 45,000 injured on these same lets where electricity can be used. The have to face numerous problems from trolley lines in the same space of time, all idea of the coal operators is that they harmful induction and conduction effects of which figures assist us in gaining some can manufacture and develop electricity at

from this cause. It is, in fact, not easy to foretell what the ultimate effect of these high potential alternating circuits upon the sell anyone else in the market. The men telegraph service will be. In the event of the general electrification of steam railways It is probable that it will in many cases become necessary to remove the telegraph treaks and seek rights-of-way removed to a safe distance therefrom. Indeed, this

scried to.

Curious and Romantic Capers of Cupid

Met and Wed in a Day. HN F. HOOVER a young givil

who is accordance with French custom at the bride has taken a sin HN F. HOOVEH, a young givil events which combine a religious and social give her a becquet of wild flowers. engineers, of Milwaukee, Win, character, take up the collection, with During the feasting at the chateau a and Miss Mahala Ling of Johns- purses Seconsted with flowers to match her gypsy orchests performs in the park or on town Pa., met for the first corsage bduquet

the lawn. The wedding procession is time on the Atlantic express near The great show event is the signing of the sometimes led by the village music makers. Harrisburg. Pa. The young man was en- contract. It takes place in the svening, burdy gurdy players and fiddlers and firers want their sleep disturbed. A door was to cross their matrimonial pathway, ex-route to Chambersburg to take a position, and the invitations cover the entire ac- playing old fashioned aira. Bometimes found in another room leading to the cept, perchance, they should be little ones. and the young woman was enroute east to quaintance of the family. The presents are the roads are another while green boughs "bridal chamber" that could eastly be un-Both exchanged family histories. When ing. too, the wedding cake, which French a family is very popular a whole village Harrisburg was reached Miss Ling society has adopted from England, is cut. may be decorated until it looks like a garwas persunded to wait for another train. The betrothed couple head the procession to den and all the young girls will turn out

TON



Mr. E. G. Case, a mail carrier of Canton Center, Conn., who has been in the U.S. service for about sixteen years, says: "We have tried many cough medicines for croup, but

Chamberlain's **Cough Remedy**

King of All Cough Medicines

is king of all and one to be relied upon every time. We alalso find it is the best remedy for coughs and colds, giving certain results and leaving no bad after effects. We are never without it in the house

were refused. The happy couple didn't happiness possible in Hie-with no troubles

visit friends. It was love at first sight displayed on this conasion. On this even- and strewn with flowers and grasses. When hinged and against it the screnaders began Count Von Moltke, the great Prussian operations, while telling the inmates if military strategist, had the utmost con-they had to open the door by force they tempt for loguacity. On the rare occasions be marched out of the room with ussed the R when he ad little coremony. Finally the door was speeches were models of brevity. At banopened and then the wedded couple bagged quets it was his custom to sit in silence for mercy. They requested ten minutes' except when he proposed "His majesty the time to properly attive themselves so as king" or "The health of his malesty the to be presentable in polite company. This king." On one occasion an officer laid a time was granted, when they were marched heavy wager that at a coming state dinner up the street to Bullch's store at the head Won Moltke would not use more than of the seronading outfit, and where the seven words in proposing King William's groom "set 'em up" to the crowd. After health. It happened that on this occasion which the happy young folks were told the great general said: "The health of his that it was all a joke and that all who majesty the king, gentlemen," upon hearmarry in Reaver are usually joked in that ing which the officer muttered: "Ah, the way, but that they wished them all the field marshal grows old and talkative."



While they were looking about the city the supper room. Every one drinks their dressed in white to attend the bride. On the young man proposed marriage and Miss health in a glass of champagne. The brids such occasions a quaint custom is the pres-Ling accepted the proposition promptly. Just sticks a knife into the cake, which is entation to the couple by the cure of a cake A patrolman directed the couple to the silt over its fronting, and the servants do baked by the oldest farmer in the vicinity, matriage license office and an hour inter the actual cutting. they were married by Alderman Robert Then comes the wedding, the civil and costume but the old cuntimental custom of

Spayd. The up-to-date wedding ring is no longer a plain band. It is twisted by a skilful Wedding Etlouette in France. The up-to-date French marriage is a arfist into a knot which symbolises the is obligatory. much less pompous affair than the woldings marriage fie. The costume of both bride

of the last century. It is conducted, how- and bridegroom depends upon the character ever, along well defined ceremonial lines of the ceremony. In the spring time counfrom which acbody who pretends to be in try marriages are wery popular. family and a few intimate friends flock the swim dreams of departing

The obligations of the bridegroom begin to the chateau of the bride's parents and the very day his proposal is accepted. re- the coremony is performed by the village intes the New York Sun. He pays his first cure in the little church near by. For this tribute to his betrothed in the corbellle de sort of wedding the height of style is menilles, or engagement bouquer. This studied neglige. The bride's gown is simple is a great basket of pure white binsome- and falls only to the tops of her shoes. photograph in St Louis. Hilles of the valley, amleas, white Blac, The groom wears a cutaway or even a sack. During the past three white roses and orchids are in order. The suit and a straw hat.

bankets in which they are grouped is trim- At such events, as the couple emerge med with ince. On the day of the marriage from the church, firecrackers are set off Bioux City, and has been known as "queen proper, that is, the religious ceremony, be and guns are fired. An old peasant couple sends a basket of orange flowers garlanded present the couple at the church door with with tulls. The bride provides the women bread and wine and break the glass when



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D. A. Sampson, General Sales Agent, Omaha.

Paris still exacts extreme formality of

church ceremonies, generally the next day, wearing evening dress on all ceremonial consions is fast giving way to the frock cost. For the bride a gown of white satin -

Wooed and Won by Wire.

After a courtable of nearly three years, conducted largely by telephone. Miss Effie Henderson of Sloux City, declared by judges at the St Louis exposition to be the "handsomest lows girl," was married to Floyd R. Wilson of Chicago, & dining car conductor, who fell in love with her

During the past three years, since Miss Handerson was given the prize for beauty. she has worked in a department store in of the dry goods store." During all this time she has been getting daily telephone calls from the handsome dining our con-

ductor, whose train passed through Sioux Well, bless you, child. I'll try to tell City daily, and gradually he won her heart by wire. When Floyd R. Wilson first new the by wire. When Floyd R. Wilson first new the photograph of Miss Henderson, three years he was a poor passenger brakeman

on the Milwaukee & St. Paul road. He fell in love with the face which the judges at the big exposition had said was the fairest of all lows's fair girls. He wondered if he would ever meet the woman, and he pictured her as the daughter of wealth, far removed from the life of a poor railroad brakeman, who had little but his

The country needed them, my dear, And God spared both their lives; But then the best of farms run down When war time, child, arrives. But one day Wilson entered the Pullman We had to mortrage ours, my dear; We had no seed to plant: We raised a little garden truck, Yet things were very scant. service as a conductor, and, while conducting a party of wealthy Chicagoans to Deadrood, met Miss Henderson, who was regis-So by the time our men came home And looked about the place, Discouragements came thick and fa-Debts stared them in the face.

tered there at the time. The courtship followed this meeting. It has been filled with strange incidents. When Wlison was transferred to the dining car service he secured a "run" which made It possible for him to pass through Bloux City each day. In his new position the dising our oppductor had little time to make love to the pretty clerk, who had taken a position in the millinery department of a big department store. But every time he passed through Sioux City he left his car. with its white tables and block faces, and went to the telephone. It was nearly 5;30 a. m., and the pretty girl was near the telephone booth in the store. Miss Henderson had many offers of matringe after she was awarded the prize for being the most beautiful girl in Iowa, but declined them all with quiet dignity. Her photographs

were in demand by many advertising agencies, and she would have made a fortune had she accepted the offers for their "exclusive use" which different firms And when at last we found these claims, made.

Streamons Initiation.

The Beaver (Kan.) Journal relates: Last To east, to west, to north, to south, Monday Probate Jodge Meese united in Arriage Henry Gillispie and Miss Nancy We'd given up to die. Monday Probate Judge Meese united in sarriage Henry Gillisple and Miss Nancy Tyler, both of Madison. The happy couple went to the White House hotel, where they procured lodging for the night, and as they were tired and weary from the fay's drive, retired to the parlor, which had been converted into a "bridel chamber," about 5 o'clock and soon were

sweetly and peacefully sleeping. But about 9 o'clock ai hideous hand, in which were some of the leading citizens of the city, proceeded to the hotel and started a noise-a hideous noise. The hotel bell was rung as if a fire had broken out, tin same were pounded, grous fired, horns owed and it seemed is if everything that ta betertmoore any selon a size blee the hotel-at the door of the bridal cham-

ber. The hand of soremaders requested admission time and again and every time

My Old Nebraska Home

Tou ask me why we came out here And settled on these kinds: And why we left our nice, hig farm Besides the lakeshore strands.

When Michael to the war would go,

And you were in my lap. We felt that he could not leave home Without he took dear pap.

He was so young, though big and strong. And couldn't cook a bits: So pape and Michael shouldered guns And both went off to fight.

So, later on, when Uncle Sam Declared a homestend law, They said they'd sell out, take what's left, A new home make for ma.

They'd each a quarter section take, And Join them side by side. And build a house with chunks of soil, Eise with the wostern tide.

We saved the team and one good cow, And with some hoops and tick, We just a wagon cover on And piled the hay in thick.

We started once again with hope; We loaded all we could; We shelled some corn for Bill and Boh, And for us all some food.

Dear pap and Michael had to walk; But you and I must ride; So underneath those flaps for months We role, and laughed, and cried.

But ploneers don't do that way;

And prairie grass to save.

Onter

They hang on true and brave; And soon the men were cutting and

Our hig one room-no floor, no rugs-Was warm, chough dark and damp: The fire helped to brighten up-We had no other lamp.

Gur nearest since was forty miles; And only once that fall Did Michael drive to hown to get Privisious for us all.

He got some sugar, beans and four, Some maintles, mest and shoes; They had no colles, and, you know, Tubance we don't use.

An early winter settled in; The blazards 'round us soured: But chunks of sorub from near the Platts For fire fairly roared.

Here near the shallow Platta. Twas warm and baing as the spring-On our own land we sat.

Written for The-Omaha Bee by W. W. Burgess

So when the lovely spring again Released the frost and cold. We planted corn on broken acd. And whent had taken hold.

We made a little garden, too. And growns and peas came on; The new hotates were a treat; We now could get along.

Our team pulled through the winter fine Up undertreach the shutter: And Brindle came in fresh that spring To give us milk and butter.

Our only han had hatched some chloks-O. life was not so and: The Joneses not a mile away-We now felt free and glad.

Not so for long: the summer heat Had parthed the ground up dry; And just as corn was in the milk Grasshoppers filled the sky.

They settled down and took our crops; They ate our garden, too: And by the fall my Bitle child. And all ware feeling blue.

But then no mortgage scared us out: The deep, rich soll was ours; We resclutely wintered through To wait for spring and showers.

We placed our trust in Providence, And when spring came again We planted, and we hoped once more To harvest hay and grain.

The hoppers darkened sun again; In clouds they swarmed above; But pentle breezes swept them pust-Our crope were saved, my love.

The rains were gentle, and the soil Made vegetation grow; We stacked the hay in great long ricks, And corn stayed in the row.

We sheaved the wheat and made a stack And the it with a rall; And on some boards, with weather fair, We threahed it with a fiall.

We sacked it up and took it in One corner of our room: My child, that year was fall of hope-it was our first real boum.

The men would husk a load of corn. And plie on sacks of wheat, And forty miles across the plains They'd haul to county sent.

The dollars they'd bring back, my child, Were few each time they went. For nearly always things were bought And most the money agent.

But when the winter next came on, With heavy winds and snows, We did not owe a cent on earth, And Michael had new ciefles.

Just as it was with us, my dear, It was with thousands more: But those who worked and kept their faith Have reached the golden shote.

We have a limited number of five-drawer drop head Sewing Machines with automatic lifter with a complete set of nickle plated steel attachments. Each machine is fully guaranteed by us as well as the manufacturers, which we will sell this week only for \$17.50, on very easy payments.

If you are in need of a Sewing Machine (and don't feel able to buy one of our High Grade New Home Machines) it will pay you to avail yourself of this exceptional offer. These machines are sold by a great many agents and dealers all over the country for from \$35.00 to \$60.00. If you are thinking of purchasing a Machine don't delay as the supply is limited. Remember we carry a complete line of supplies for all kinds of Sewing Machines. Repair and rent Machines.

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'Phone, Douglas 2600.





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So that's the way we inhored, child, Some years were very stard; But, then, no mortrage on our pince; No dekt did we recart. We worked and saved to make this home; Now, everything's at hand; We've house, and barn, and implements, And sverything so grand.

Now Michael has the place; while ; Den't himsh; he ioyal stands; Dear yes and not will next moves to A hemo not made with hands.