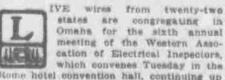
THE OMAHA SUNDAY BEE: OCTOBER 9, 1910.

Electrical Inspectors Come to Omaha for Annual Convention

WALDEMAR MICHAELSEN OF THE FOUNDERS



meeting of the Western Assocation of Electrical Inspectors, which convenes Tuesday in the ome hotel convention hall, continuing up and including Thursday.

To the average layman-the man who has never made a study of electricitythe mars announcement of a convention

forthcoming meeting of electrical inspec-

tors is of vital concern to the general pubson that the prime purpose of the meeting Dakota, is to permit an interchange of ideas concerning the safety of electrical wiring and

electrical appliances in general. Electricity is a wonderful thing. Likewise, it is a dangerous thing. A wire improperly protected will send forth a deathdealing voltage or faulty wiring may easily generate sparks sufficient to start a conlagration. Of course such calamities are the exception rather than the rule, yet

they do happen occasionally. It is the mission of the electrical inspector to seethat all wiring within his jurisdiction is safe, and in order that he shall be competent to judge as to safety, he must be a outtion

skilled electrician. Therefore, the convento Omaha a large delegation of expert elec-

to Ormana a large delegation of expert elec-tricians. An Ormana man-Waldemar Mich-aelsen, present city electrician-was ons sociation of Electrical Inspectors into ex-istence. He and a few others devoted to their work conceived the idea that an er-ganization for the exchange of ideas and experiences would be of until a uniber alter state and is the state of induction motors demand a variation in ittle more. It was show work at first, but Michaelsen and his co-workers, notable among whom was W. S. Boyd, present sec-retary of the association, kept hammering away until a number mifficiently large to then annual conventions have been held in

TRED G DUSTIN TREALDENT

Detroit, Indianapolis, Chicago and other of electricians conveys but little significance, and is the subject of but brief cities, and through the efforts of Mr. thought. But, as a matter of fact, this Michaelsen Omaha captured the 1910 convention

The states included in the western assolic-even more a matter of public concern clation are Illinois, Indiana, Ohio, Kenthan to the men who will participate in tucky, Tennessee, West Virginia, Michithe deliberations of the conventions. It gan, Minnesota, Wisconsin, Iowa, Miscouri, is an event of public interest for the rea- Arkansas, Montana, North Dakota, South Nebraska, Kansas, Wyoming. Colorado, New Mexico, Texas and Oklahoma.

> It is thus obvious that the coming convention covers a wide range of territoryas far east as West Virginia, southwest as far as New Mexico and northwest as ing, follows: far as Montana. While it is called "western" association, it comes more nearly being a United States association.

There will be a sprinkling of social diversion in the convention, or, more properly speaking, outside of convention hours during the dates, but first of all will come business. It is primarily a business prop-

Some of the subjects to be discussed are tion which opens next Tuesday is bringing announced by Secretary Boyd as follows: How to prevent fire and police alarm boxes from becoming a menace to the

ground is not available. Difficulties which beset open wiring in besements having considerable overhead

piping. Delays in facing the problem of old and defective wiring, both inside and outside of buildings, are dangerous. The program, beginning Tuesday morn-

Address of welcome, James C. Dahlman, Reply to address of welcome, Fred G. Dustin, president,

Roll call. President. President's address, Fred G. Dustin. sident.

Report of executive committee, J. H. Montgomery, chalrman. Report of secretary and treasurer, Wil-liam S. Boyd, secretary-treasurer. New business

New business. Appointment of nominating committee. Report of committee on uniformity in rulings, William S. Boyd, secretary. Report of committee on national electri-cal code, J. H. Monigomery, chairman. Report of committee on outside wiring. Waldemar Michaelsen, chairman. Report of committee on theater wiring and show equipment, V. H. Tousley, chair-man.

m., courtesy of the Omaha Electrical

Wednesday.

club.

A GROUP OF LIVE WIRES

Election of officers. It has been agreed that social functions vention routine. and tours about the city shall not inter- In matters electrical, Omaha takes front Omaha, Neb.; William S. Boyd, electrical Michaelsen. He that as it may, the associfere with the regular routine of the con- rank among cities of the country-not only inspector Electrical Bureau of the Na- ation is a power in the electrical world.

 Wednesdar.

 Address-"Rubber Covered Wire," Lewis

 Address-"Rubber Covered Wire," Lewis

 Address-"The Influence of Electrical In-spection on the Operation of the Telephones

 System," A. S. Rogors ensineer.

 Address-"The Legal and Ethical Re-sponsibility of the Electrical Inspector," John A. Rhins, assistant city attorney, "Make Neb."

 Address-"The Tungsten Lamp," by an ensineer, (to be assigned), National Elec-tric Lamp association.

 Thormal discussion of "Difficulties Aris-ing in Electrical Inspection Work."

 The Tungsten Lamp, association.

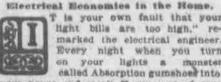
 Thormal discussion of "Difficulties Aris-ing in Electrical Inspection Work."

 Thursday.
Report of committee on installation and operation of induction motors. Charles W, J. Gliadoff, chairman.
Report of committee on architects.
Report of committee on electric traction.
Report of committee on architects.
Report of committee on architects.
Report of committee on electric traction.

vention, yet time will be found, it is ex- cities of the Omaha class so far as size tional Board of Fire Underwriters, 67 East and bids fair to live far beyond the allotted pected, for inspection of electrical work in is concerned, but larger cities as well. No Twenty-first street, Chicago, Ill.

necessary to avoid taking time from con- electrical inspector, city of St. Paul, Minn.; Boyd of Chicago. Mr. Boyd is quoted Waldemar Michaelsen, city electrician, as saying that the association is a child of life tenure of its originators.

Progressive Activities in the Electrical World



your house and steals 85 per cent of your light. The wall paper in this room is dark

your lights a

green, the woodwork is stained a chocolate That we are just entaring into the great brown and the furniture and furnishings world of electricity is the cannon of directional character, according to the purare very dark. They all combine to steal Thomas A. Edison, the man among us all pose in view. The apparatus is light, efaway most of your light. You have to who has license to lift the vell and look ficient and cheap, and is especially suitfor the light your lamps actually ahead into the wonders yet to come by but in reality you get only 15 per cent way of electricity. "We have just started on our electrical employed.

of the light you pay for, because you are being systematically robbed by the wall way," said Mr. Edison with a smile as he paper and woodwork, the chairs and the sat on the corner of his laboratory table. "Sor tetimes fathers come to me, or write TUHE.

Soon after this the house was repapered to me, about their sons and want to know soon arer this ine notice was repayered if in view of the fact that so much of in light buff tints and the woodwork was the field of work is already occupied by mining white. As a result of this change, the field of work is already occupied by painted white. As a result of this change electricity. I would recommend it as a the electric light bills were cut in haives. Seventy-five per cent of the candie-power great electrical inventions have been made, career. It is assumed by them that all the of each lamp was being utilized, conse- and that \$5,000,000,000 or \$10,000,000 is quently it took less than half the number about all that electricity will stand in the of lamps to light the room. way of investment. Well, if I were be-

Go into most any home and you will find ginning my own career again, I should some one following you about turning down ask no better field in which to work. The or turning of the light, trying to econo- chances for big, new electrical inventious mise on light and paying no attention to are much greater than before the telecostly errors which make the light bills graph, the telephone, the electric light and others have proved ineffective as regards excessive. As a rule light fixtures are the electric motor were invented; while the public safety, which they were designed stuck in any old place to suit the whims cao's of these things is far from perfect. of architects and the economies of the Ws shall have easily \$58,000,000 of money electrical contractor. Wall papers and is electrical service in 1925, and five times paints are selected to please the eye in- as many persons will then be employed stead of for their light-reflecting qualities, in electricity as now, most of them in Without delving into the horrors of wall branches for which we have not yet even paper color and design suffice it to say a name. I often pick up my taboratory that if care were taken in this respect nots books, of which I have hundreds, full many a hard carned dollar would of hints and suggestions and peeps into be saved on the monthly light bills. Cheap nature, and realize how little we have wall paper of a dark and grewsome hue is actually done to set electricity at work. about the dearest thing any one can put let alone determine its secret. "Look at the simple chances of improve-

into a room. ment in what devices are known today. Absorption is the great enemy of light. They are endless. About 100,000,000 'carbon It lurks in every shadow and bit of darkfilament lamps are made here every year, ness, yeady to eat up the tender light rays. much the same in all essentials as a The best lamp in the world can not light quarter of a century ago. We must break up a room where a large percentage of the rays are absorbed by the finishings. A electric heating and cooking appliances, new ground. It is the same way with certain mulatto colored deak in a dark finished office required four powerful in- any other means; but ten years bence of this class must, if the voltage is less very ingenious even now, and better than candescent lamps combining 128 candle- they will be superseded and in the mupower to give two-foot candles, or the re- seums with bows and arrows and the musquired amount of light for working pur- sle loaders. As for the electric motor, it volts they must be tested at 30,000 volts poses on the desk top. When the desk was will not be perfectly utilized until everyexchanged for a light oak and the walls thing we now make with our hands, and and cellings were finished in a light buff every machanical motion, can be effected M took leas than sixty-two candle-power by throwing a switch. I am ashamed at to give the same illumination-a saving of the number of things around my house and shops that are done by animals-huhalf

When considering the lighting of the man beings, I mean-and ought to be done home care should be taken to avoid all by a motor without any sense of fatigue lights which have a reddish or violet cast, or pain. Hereafter a motor must do all the chores.' as they are more injurious to the eyes.

The fixtures should be so placed as to reap the full benefit of every lamp. Don't A new method for producing high-tension In the case of supplies intended for trac- flagrantly disregarded instructions than hairbreadth escapes and manifold suffer- a bottom provide style, was enlight-killing shade. Many of those orna-ish association by Prof. Ernest Wilson among those laid down to prevent stray by his disguated sergeant: than light sponges which absorb most of method, energy is taken from an alter- must be maintained as high as possible, come in the form the method, energy is taken from an alterthe light rays." In burning gas remember nating or continuous current source and and in particular the resistance of each

is your own fault that your furniture and see that the ceilings are a low frequency oscillatory circuit. When light bills are too high." re- nearly white and that the walls are pa- the energy is accumulated in the conmarked the electrical engineer, pered with some simple paper of a very denser the latter is mechanically bridged Every night when you turn light color. Many of those dark finished, across the primary winding of an inducon your lights a monster sombre furnished rooms are mere gloomy tion coil, with which it forms a high fre-called Absorption gumshoer into caverns, dismai and depressing. quency oscillatory circuit. The energy is then transmitted by the secondary winding of the induction coll to the work cir-Electricity's Future.

cuit, and can be of an oscillatory or w.lable for radio-telegraphy, X-ray and other

French Regulations.

A decree recently promulgated in France sets forth the conditions which must be observed in connection with the distribution of electric power when the lines touch public property at any point or pass in proximity to telegraph or telephone wires. This decree is in substitution for one that was promulgated in 1908, at the time when government control over suppliers of electric power was being organized in a methodical manner. Certain of the rules then laid down have been shown by experience to be incompatible with the requirements of commercial operation, while to secure. The new decree is the result of exchange of views between those engaged

The decree divides electrical supply systhose in which, for continuous current, the then took a penny from his packet. voltage does not exceed 600 between the conductor and the earth, or for alternating the backward one. The boy's dull eyes current does not exceed 150 volts. The lighted and he nodded his head, other class includes those supply undertak-

a supply system of this second-class serves superintendent. "I will give this penny to several centres the undertaker is put under you. the obligation of establishing direct comand the central station, and of providing an arrangement by which the current may he cut off from any of them whenever necessary. The insulators used for systems than 10,000, he fested to a pressure three times the normal, while if it exceeds 10,000 plua twice the excess of the working vol-

tage above 10.000 volts. Conductors for both classes must be placed at least six metres above the ground, and those for the second-class sight metres when crossing a public road. Underground conductors must be perfected mechanically against damage, and if they are placed in a matalife conduit they mund still be insulated

as carefully as if they were laid directly in High Tension Discharges.

to change the mantels often, as the candle stored in a magnetic field by an inductance; joint must not exceed that of ten metres.

periodically test the conductivity and enter the result in a register which is to be open to the inspecting officers; at places where there are points or crossings special precautions must be taken to maintain the conductivity, and where the track passes over metallic structures it is to be insulated mantles begin to get old. Buy light colored denser, which forms with the inductance elsotrically so far as possible. Finally

the decree states the conditions which must be observed when conductors, either overhead or underground, cross roads and rafi-WBY6.

Lucid Thought of Dull Boy

A teacher in the primary grade in one of work in which high-tension electricity is the downtown school. . Philadelphia worked valiantly but to no a all with the most backward pupil. The child seemed

ncapable of individual thinking. He was not able even to write from copy in his copybook. The best he could do was to "trace" the copy through a piece of tissue paper and then write through it on the of his best books, as he wished to have stead. copybook again, which he did with regularity

His teacher tried in vain to break him of the habit, but it was easier for the child titled "Lord Bacon" caught har eyes.

"trace" his exercise than to copy it. Shortly after Dr. Martin G. Brumbaugh had been made superintendent of schools, our money through hogs? Lord bacon, in- drassed him. he dropped into this teacher's room just deed! I'll not have such a book in my as she was scolding the backward pupil for house."-Norman Mack's Monthly. his refusal to copy his exercise. The super-

intendent asked what was the trouble. "This boy just won't try to copy his exercise." the teacher complained. "I am sure Twain's journalistic days," said a Virginia He's a lawyer, sah." he can if he tries, but he will do nothing

do otherwise." She was almost ready to cry with mortitems into two classes. The first contains fleation. Dr. Brumbaugh thought a minute, "Ho you know what this is?" he asked

Well, if you copy your excitise between ings that work with higher voltages. When now and the Ums I come back," said the the potato,' was the reply.

Then he went out of the room and by the munication between each of these centres time he had made the round of the build- he distated a half column that the re- value of money, said. ing his attention had been drawn to other porter duly printed the next morning as things, and he left without returning to see what progress the unpromising pupil tribution to agricultural science. The

was making. smeeth bogan like this; As soon as Dr. Brumbaugh had left the office, the boy took up his "tracing" paper, lot to be born and reared in Ireland, where made a new copy of the exercise, and then my food would have principally constated then strolled out as though to go to the the footnad went down before his stingset back waiting for the superintendent, of the polato-that most salubrious and barn. who did not come. An hour passed, and nutritious root-I should now be, instead finally he raised his hand.

"What it is William?" the teacher asked. "Miss Smith," the boy replied slowly, but able to carry an enormous weight." with conviction. 'T'll bet that sucker skinned out with that cent."-Philadelphia Times

Hard-Headed.

A cavalry sergeant had endured the stupidity of a particularly hopeless recruit and the London press associations sent for days. The "rookle," having more cable messages to Australia telling of the

come at the horses from behind without burg today from Tibet after suffering speaking to them first. If you do they'd be kicking at that thick head o' yours, and then soon there'll be half the mounts power of these lamps drop fast when the it is then permitted to surge into a con- of rail; those in charge of the line must of the squadron gone lame!"-forapa.

Selections From the Story Tellers' Pack

One on Mr. Smith. at a dinner in Cincinnati, said startling information: of a political squabble:

R 15.2 smith's case, you know,

Corner. A man knocked at her door one animal of the sort ever seen in Russia. day and said: How he reached the city after his fights

" Pardon me, madam, but I'm collect- with the natives of Tibet, which is a coming for a drunkards' home." 'O,' said Mrs. Smith, 'I'm so giad you tery,'

called! If you'll come back about halfpast eleven tonight you can take my husband."

on himself. He left his native town in New Edition of Lord Bacon. Tennessee years ago, and came to this city A prosperous dealer in pork, having made to practice law. He has been uniformly

a fortune, retired to enjoy his wealth. He successful. His brother, upon the other instructed a bookseller to send him some hand, remained behind at the family homea large library. The books having arrived Returning to his native town some time

they were placed on the shelves where they ago, the attorney met ah old darkey in the were inspected by his wife One volume en- road, "Hello, uncle," he said, but the old man

"What?" she exclaimed hotly, "Am I did not recognize the boy he used to know not enough disgraced by you having made in the prosperous looking citizen who ad- called out his friend.

Too Honest for a Lawyer.

"Weil," asked the lawyer, "how are the explained Lyon. Blank family ?"

Putting it on the Potato.

City editor, "was the concection of a

"In that so," answered the attorney. blast. in the industry and the engineers which the but trace his copy, and I can't make him speech that was put upon a famous sen- "And his brother Tom, how is he, has he made a fortune, too?"

No Goods Delivered.

"The senator had attended a Virginia "Lawdy no." answered the old darkey, City banquet, but had not spoken. He shaking his head, "he ain't no iswyer. had a sore throat. A brother from a rival Marse Tom woudn't take a dishonest the floor. I don't understand this town." paper reached the banquet inte. penny from nobody."-Philadelphia Times. -Popular Magazine.

'What did the senator speak about?' the newcomer whispered to Mark Twain. 'He made a very interesting speech on

in Buffalo there lives a boy, now some years old, who is the proud owner of a "The potato, ch? That's odd. Let's buildog designated as "Mike," and a much have the points, will you? prized pony. Recently a visitor, endeavor-

'With pleasure,' said Mark Twain, and ing to test the child's knowledge of the Willie, I'll give you 10 cents for either

the distinguished senator's valuable con- Mike or the pony. Which will you sell?" Willie pondered for a moment. 'Gimme the dime. You can go get the 'Ladies and gentlemen, had it been my

pony," he said. The visitor handed over the coin, and

Why, Willie! Would you rather ha of the poor, infirm, stunted creature you should have your pony than Mike-and us you think 10 cents is enough for a pony?"

his mother protested. Willie paused at the door and grinned.

You know, Mike is out at the barn, an'

the forbidden land, relates McDougall's sold him for a centl"-Harper's Magazine. Magazine, the fact was duly chronicled,

cept ye repent ye shall all likewise perish."

"A Bavage Landor arrived in St. Petersgreatly at the hands of the natives." editor was equal to the occasion. The fol- flager on the wing of a bluebottle fly that York Herald.

reached St. Petersburg on his way from he's there he's welcome to him. I'd 'a' if anyons can take that pony out while

"Yes, my friends," urged he with solemn

lowing morning, among other matters of had just alighted upon the reading deak EPRESENTATIVE Longworth, news, the residers of the Times found this the while the parson's right hand was up lifted-"just as surely, as, my friends, I "A savage landor got into St. Petershurg flatten this poor fly."

"& misunderstanding, yes; yesterday and the people of the city were But before the threatened blow descended but perhaps this misunder- terrified. After considerable difficulty the the fly got away, whereupon the minister stakling was intentional. Like beast, which cams from Tibet, was cap-further "improved the occasion" with tured, taken to a remote place and there ready wit, exclaiming, "There's a chance "Mrs. Smith lives on a farm near College dispatched. It is said that this is the first for ye yet, my friends!"-London Scraps.

A Mystified Texan.

Colonel Cecil Lyon of Texas is a tall and commanding figure of a inan. A glance paratively unknown country, is a mysat him give the impression that he carries a brace of six-shooters, and is one

of the most flery fire-easters who ever came out of the southwest. He is also A noted Philadelphia attorney tells one a republican national committeeman from his state and this position entails busiwhich frequently takes him to Washington.

One evening he and a friend were sitting in the jobby of a Washington hotel when he heard a man near by une language to another that sounded as if it called for a fight. Without more ado the colonel crawled rapidly and sliently under a neighboring table.

"Why, what's the matter, colonal?"

"I thought they were going to draw,"

Seeing that there was no danger of "On, they're all right," said the old violence, he slowly came from under the darkey. "Jim Blank has gone to Phila- table, and, as he stood up, the man who 'Among the many pranks of Mark delphia, and done made a lot of money, had been insulted was shaking hands with the one who had just given him the verbal

> "Down in my state," said Lyon, "the bullets would have been flying thick and fast by this time, and the innocent bystanders would have been lying flat on

Just Struck One.

It was an old custom among highwaymen to stop prosperous looking men on the street at night and enquirs the time and then, when the obliging party had pulled out his watch and named the hour, to mnatch the watch and run off with it.

One night one of these footpads accosted an athlete

"What time is it?" enquired the foot-

The athleto dealt the crook a hard punch on the jaw.

ing blow.

"Gee," said the crook, as myriads of stars were clouding his vision, "I'm glad I didn't meet you an hour ago."-Morman Macks Monthly,

Truesdale's Joke on Underwood. Phoebe Snow-the immaculate damasi who rides in Lackawanna advertisementsfigures in an apporyphal story the street

smiled at yesterday. As it goes W. H. Truesdale, president of the Lackswanns, and F. D. Underwood, president of the Erie, were walking on Broadway, when the former bowed courteously to a handsome negro girl, while Mr. Underwood's eyes asked, "Who is your friend?"

"Oh," said the Lackawanna official, "I earnestness, "unless ye repent ye shall as thought you knew her. That's Phoebe This was meager enough, but the news surely perish," deftly placing his left fore- gnow-she's traveling on the Erist"-New

see before you, a tall, slout, athletic man, A Terrible Creature. When Albert Henry Suvage Landor