#### THE OMAHA ILLUSTRATED BEE.

## Raffles Story---"Nine Points

life preserver.

"But it's ghastly!" I cried. and talk to an utter stranger and to know bad form of his mother or his aunt, and 1 it; won't go bragging about his pictures In a glow I sprang out at Eaher and took that you're at work in the next room!" "Two thousand apiece," said Raffles,

quietly | away!"

you know yourself."

He put on his coat and his hat "What time have I to be there?" I asked away with all remorse, for my treacherous him, with a groan.

from me saying I can't turn up. He's a commentary on all things and all terror to talk, and you'll have no difficulty men, his achievement mere vulgar in keeping the ball rolling; but head him irreverence and unintelligent scorn. off his picture for all you're worth. If he offers to show it to you, say you must He locked up the case elaborately on a rise in land; yet cunning he possessed, this afternoon, and there's no earthly rea- as well as malice, and he chuckled till he son why he should unlock it again in this choked over the misfortunes of less astute hemisphere.

"Where shall I find you when I get I cannot feel much computcion for my beaway?"

"I shall be down at Esher. I hope to catch the 9:55

"But surely I can see you again this afternoon?" I cried in a ferment, for his other! Once I heard him-though the rooms keys jingled back into his pocket. "It goes hand was on the door. "I'm not half conched up yet! I knew I shall make a mess of It!

"Not you," he said again, "but I shall If I waste any more time. I've got a deuce of a lot of rushing about to do yet. You won't find me at my rooms. Why not come down to Esher yourself by the last train? That's it-down you come with the latest news! I'll tell old Debenham to expect you; he shall give us both a bed. By jove!, he won't be able to do us too well if he's got his picture."

"If!" I groaned, as he nodded his adjeu; and he left me limp with apprehension, sick with fear, in a perfectly pitiable condition of pure stage fright.

For, after all, I had only to act my part; unless Raffles falled where he never did fail, unless Rafiles, the next and noiseless, was for once clumsy and inept, all I had to do was indeed to "smile and amile and be a villain." I practiced that smile half the afternoon. I rehearsed putative parts in hypothetical conversations. I got up into his darling topic, and I looked past him stories. I dipped in a book on Queensiand at the clock. It was only a quarter to 10. at the club. And at last it was 7:45, and I was making my bow to a somewhat elderly ,So there I sat (we were still at port) and torious breaths, and the man was a log. man with a small, bald head and a retreating brow.

"So you're Mr. Raffles' friend?" said he. overhauling me rather rudely with his nelled, copper-bottomed Old Master;" it Expected him early to show me something, legislator of pictorial proclivities. But even water before I went. but he's never come.

my troubles were beginning early. I said evitably in the invitation I had dreaded all first-class smoking carriage-in terror of I had not seen Raffles since 1 o'clock, tell- evening. ing the truth with unction while I could; even as we spoke there came a knock at the way." door; it was the telegram at last, and, after reading it himself, the Queenslander handed it to me

"Called out of town!" he grumbled. "Sudden illness of near relative! What along." near relatives has he got?"

I knew of none, and for an instant I qualled before the perils of invention; then I replied that I had never met any of his people, and again felt fortified by my veracity.

"Thought your were bosom pals?" said he, with (as I imagined) a gleam of suspiclon in his crafty little eyes. "Only in town," said I. "I've never been

to his place." "Well," he growled, "I suppose it can't

come and have his dinner first. Like to see and my pulse stood still, the death bed I'd go to without my dinner; it's a full-skin billet, if you ask me. Well, must just dine without him, and he'll have maps. to buy his pig in a poke after all. Mind

hope she will go and kick the bucket." "Upon my soul, I believe I shall give it tached at the time, and interspersed with it for £5!" remarks of mine here and there. They

"Not you, Bunny, I know you better than filled the interval until dinner was served. confirmed. It was an impression which did presence at his table. He was that terrible "Quarter to 5. There will be a telegram type, the Silly Cynic, his aim a caustic

> Ill-bred and ill-informed, he had (on his own showing) fluked into fortune

speculators in the same boom. Even now havior by the Hon. J. M. Craggs, M. L. C. But never shall I forget the private ag- till we get to Brisbane."

onles of the situation, the listening to my host with one car and for Raffles with the were not divided by the old-fashioned fold- straight into the strong room on board." ing doors, and though the door that did divide them was not only shut, but richly him out to Australia with only its legiticurtained, I could have sworn I heard him mate contents in his precious map case! If top of my voice at some coarse sally of my failed! host's. And I heard nothing more, though

my ears were on the strain. But later, to my horror, when the waiter had finally withdrawn, Craggs himself sprang up and rushed to his bedroom without a word. I sat like stone till he returned. "Thought I heard a door go," he said.

"Must have been mistaken \* \* \* imagination \* \* \* gave me quite a turn. Raffles tell you priceless treasure I got in there?

It was the picture at last; up to this point I had kept him to Queensland and the mitted myself softly with my gentleman's making of his pile. He was reminded of his great, ill-gotten possession. I said that Raffles had just mentioned it, and that set him off. With the confidential garrulity of a man who has dined too well he plunged In common decency I could not go yet. learned what had originally fired my host's ambition to possess what he pleased to call the keys from his pocket. In less than five and I finished in mere bitterness, with the a "real, genuine, twin-screw, double fun-

an epitome of his monologue would be so

"But you must see it. Next room. This

"Isn't it packed up?" I inquired, hastily, Lock and key. That's all.'

'Pray don't trouble," I urged. "Trouble be hanged," said he. "Come

myself against the moment of impending tience." One of them hummed a stave, and bed room without further protest and suffered him to show me the iron map case, cent appearance and its Chubb's lock. It the adventures this was the first in which old chap, you won't mind my saying that 1 be helped. Don't know why he couldn't was in the latter. Then the ward clicked, "By Jove!" I cried next instant.

"Thought it would knock you,"

Revolver would be out of place in the what he came to see me about? Sorry I my benefit. "Grand thing, aln't it? in future. And that future, it should Metropole, but I shall certainly take a shan't see him again, for his own sake. I Wouldn't think it had been punted 250 be different. We had £2,000 spieceliked Raffles-took to him amazingly. He's years? it has, though; my word! Old surely enough to start afresh as honest "To sit a cynic. Like cynics. One myself. Rank Johnson's face will be a treat when he sees men-and all through me!

much more. Why, this one s worth all the the one belated cab that was waiting under I connect these specimens of his conver- pictures in Colony o' Queensiand put to- the bridge. In a perfect fever I beheld sation, though they were doubtless do- getner. Worsh £30,000, my boy-and I got Broom Hall, with the lower story still lit He dug me in the ribs and seemed in the climbed the steps.

mood for further confidences. My appearand they gave me an impression of the ance checked him, and he rubbed his fly) "It's all right. There's a bed for you. hands. "If you take it like that," he chuckled, hand."

> "how will old Johnson take it? Go out hopel

last. Struck speechless first by my relief, I continued silent from a very different got It! cause. A new tangle of emotions tied my tongue. Raffles had failed-Raffles had failed! Could I not succeed? Was it too

late? Was there no way?

the canvas before he rolled it up-"so long mined to have it. And here it is." The flutter I was in as he closed the case! "For the last time," he went on, as his For the last time! If I could but send

once. I split my wine and laughed at the I could but succeed where Raffles had We returned to the other room. I have no notion how long we talked or what about. Whisky and soda water became the

order of the hour. I scarcely touched it, but he drank copiously, and before 11 I left him incoherent. And the last train for Esher was the 11:50 out of Waterloo.

I took a hansom to my rooms. I was back at the hotel in thirteen minutes. I walked upstairs. The corridor was empty; I stood an instant on the sitting room threshold, heard a snore within, and ad-

own key, which it had been a very simple matter to take away with me. Cragge never moved; he was stretched on

the sofa fast asleep. But not fast enough sardonically. for me. I saturated my handkerehief with the choloroform I had brought and laid it Bernard Debenham, and to him I told my gently over his mouth. Two or three stor-I removed the handkerchief; I extracted minutes I put them back, after winding the remark that another time Raffles might tell

picture about my body beneath my Inverlight, small eyes. "Seen anything of him? was to "go one better" than some rival ness cape. I took some whisky and soda The train was easily caught-so easily going to turn burglars for a living!" No more evidently had his telegram, and much weariness; suffice it that it ended in- that I trembled for ten minutes in my

every footstep on the platform, in unreasonable terror till the end. Then at last I from Queensland will do as he said, and not sat back and lit a cigarette, and the lights open his map case till he gets back there. of Waterloo reeled out behind.

ter. I can recall their conversation even any of us again." now. They were disappointed with the

And all at once I saw that to resist him later Savoy operas, and they spoke wist- me. Nor was I anxious to do so then. But further would be to heap suspicion upon fully of the days of "Pinafore" and "Pa- he followed me and took my hand. discovery. I therefore followed him into his there was an argument whether the air a fellow! I was in the deuce of a hurry, was out of "Patience" or the "Mikado." and didn't know that I should ever get They all got out at Surbiton, and I was what I wanted in time, and that's a fact which stood in one corner; he took a crafty alone with my triumph for a few intoxicat- But it serves me right that you should pride in this receptacle, and I thought he ing minutes. To think that I had suc- have gone and undone one of the best would never cease decanting on its inno- ceeded where Raffles had failed! Of all things I ever did. As for your handiwork,

seemed an interminable age before the key I had played a commanding part; and, of didn't think you had it in you. In futhem all this was infinitely the least dis- ture-" credible. It left me with out a conscientious "Don't talk to me about the future!"

qualm; I had but robbed a robber, when cried. "I hate the whole thing! I'm going The canvas was in its place among the all was said. And I had done it myself, to chuck it up!" single-handed-ipse egomet! "So am I," said Raffles, "when I've made

I pictured Raffles, his surprise, his de- my pile."

ain't it? in future. And that future, it should

up, and saw the front door open as I

"Thought it was you," said Raifles, cheer-Sir Bernard's sitting up to shake your

His good spirits disappointed me. But I and hang himself to his own picture rods, 1 knew the man; he was one of those who wear their brightest smile in the blackest Heavens knows what I contrived to say at hour. I knew him too well to be deceived. "I've got it!" I cried in his ear. "I've

"Got what?" he asked me, stepping back.

"What?" "The picture. He showed it me. You had "So long," he said, taking a last look at to go without it; I saw that. So I deter-

> I threw off my cape and unwound the canvfis from about my body. While I was doing so an untidy old gentleman made his appearance in the hall, and stood looking on with raised eyebrows.

doesn't she?" said Raffles. His tone was strange. I could only sup-

"So Craggs said. I hardly looked at it myself." "Well, look now-look closely. By Jove



June 12, ISUS.



# **Progress Made in the Field of Electricity**

said

METHOD of lighting trains by lamp. electricity is described by Dr. A. Rosenberg in a Vienna electrical paper and translated and adapted

National Wireless Control.

author first explains the H. Rosenberg sys- tracts with the Navy department. All of tem, from which the new one is developed, them excepting the Marconi company have Boston Transcript the different electrical The original system consisted of a small been permitted to install their systems on devices which are employed for producing dynamo driven from the car axle. Upon shipboard or at the shore stations. The light are discussed. He points out the the same shaft was a small auxiliary dy- Maryland and the Pennsylvania are imperfect state of our knowledge with renamo, which served to excite the former, equipped with the Shoemaker system, the gard to production of light, and lays em-This machine was itself excited from the Illinois and the Alabama are fitted with storage batteries on the car. The peculiar- the Fessenden system, and the West Virity of this system is that, when the direc- ginia and the Colorado are equipped with tion of motion of the car is reversed the the De Forrest system. The Telefunken direction of rotation of the exciting dynamo system will be installed at the New Oris reversed, although its excitation is not leans station to communicate with a ship changed. This reverses the excitation of at sea, and the Massey system will be the main dynamo, and hence maintains its placed on three shore stations for a similar polarity unchanged. To obtain regulation, purpose. In each case the contract calls a second or series winding was placed upon for a communication of 250 miles. The best the auxiliary machine, which widening car- record in this respect has been accomried the whole current of the main dynamo and acted in opposition to the battery excitation. By this means a practically constant current was obtained independent of the speed of the car. This system is inconvenient because of the number of parts, so that the author sought to simplify it by doing away with the exciting dynamo. In explaining it a two-pole machine is assumed, which has a constant excitation due governments. The result is that the Navy to the battery. The armature of this machine has two windings ,one of them having a fairly high resistance. The brushes for this windings are placed midway between the poles in the usual position, and are quires a specified distance in the exchange short-circuited. This is the exciting winding. The brushes for the working winding are placed at an angle of 30 degrees to the its limitations and it is felt that as soon cept that which can affect the ere. The The child's mother was grieved, and others, and hence come midway under the as possible there should be some govern- author is not able to provide details or to poles. As the machine is revolved the mag- mental control of the systems. The Navy netic field due to the battery excitation sets department officials are anxious to have up electromotive forces in both windings. an international congress on that subject, Due to the positions of the brushes there is but it is understood that this is out of the giving rein to the imagination in looking ster took it all in and promised never to no difference of potential between those question until after the Russo-Japanese which deliver the working current, but a war is over.

current will flow through the exciting winding. This winding is arranged so as to set up a strong armature reaction, and, due to the position of the brushes; this distorts the to compete with the interurban trolley sys- phosphorescent lighting is reached we shall, magnetic field set up by the field winding. According as the machine revolves right- nouncement is made that the railroad will handedly or left-handedly, this distortion run a single engine and coach, stop will be to the right or the left, and, due ping not only at towns, but at crossroads to it, a difference of potential will be pro- and at frequent intervals. The object is duced between the brushes of the working plainly to drive trolley lines which run winding Due also to the fact that this parallel to the railroad out of business. effect is reversed with the reversal of the Other railroads are said to be preparing direction of rotation, the polarity of the to follow the lead of the Illinois Central. working brushes is not changed. The machine thus automatically takes care of along the right-of-way, but it will not put change in direction of motion of the car and interurban trolleys out of business. They is self-exciting. The characteristics of this have built up a new class of passenger machine are peculiar. As the speed in- traffic which the railroads did not have creases, the current delivered rises rapidly, enterprise enough to provide for. Now but soon becomes nearly constant. Results that the trolley lines are robbing them of were shown for a particular machine, in local business the steam roads are coming which the current becomes practically con- into line with a competing service in order stant at about 1,000 revolutions and changes to save the most lucrative part of their very little from here up to 2,400 revolu- passenger revenue. It is a good illustrations. By changing the current through the tion of the blessings of competition. field winding this characteristic can be In a recent comparative locomotive test shifted and the machine be made to de- on the New York Central experimental liver a constant current whose value may track, near Schenectady, between an elecby anything between ten and fifty amperes. tric locomotive of the 6.000 type and a Pa-The system, in other details, differs but cifle type of steam locomotive, the former little from previous systems. The dynamo reached a speed of fifty miles an hour haulis suspended from the car trucks and is ing a six-car trainload weighing 307% tons

There is a great rivalry between the wireby the Electrical Review. The less telegraph companies which have con-

plished by the West Virginia and the Colorado, the messages being exchanged for a distance of 185 miles. The wireless rivals are confident they will be able to meet the departmental requirements. The Marconi people are still holding out for the exclusive arrangements which they claim to have made with the English and Italian department has made no arrangement with that company, as it has adopted the policy that better results are destined to be derived from rivalry such as that which reof measages. It is realized by experts that or ten watts, instead of fifty or sixty as thus: the wireless means of communication has at present. It will emit no radiation, ex-

### Steam Fighting Electric Lines.

tems of Illinois for passengers. The an-This new move will interest the farmers

driven by a belt. The voltage at the lamps, in 127 seconds, whereas it took the latter 207 however, is controlled by means of fine seconds to attain the same speed with the fron wire resistances anclosed within coils same number of cars drawing a load of only

in each of which the electric locomotive material. overtook and passed the steam locomotive

before the power was shut off. The Lamp of the Future.

In an article by Dr. J. A. Fleming in the phasis upon the necessity of a reform in the nomenclature and modes of reckoning the efficiency of electric lamps, as well as some more precise and scientific method of defining what it is we produce. The author describes some of the recent work in measuring the output of electric lamps, refers briefly to the amount of illumination found to be satisfactory and gives the following picture of what the lamp of the future will be: In a highly exhausted bulb so saucy today? will be placed a small sphere of some substance-he knows not what-which phosphoreaces intensely under electronic bomthis morning. bardment. On each side, and slightly above this ball, will be a metal saucer-

shaped disk, which will be connected by sealed-in platinum wires to the terminals of the lamp. To these will be supplied, in some way, a high-frequency alternating current, which will create a storm of bom- 1 am saving 'em. barding electrons, and the phosphorescent mass will glow intensely with a brilliant white, but perfectly cold light. The lamp cently moved into an apartment house that will give what is called sixteen candle- boasts of a colored doorman. The second

power, with an energy absorption of five day there the child greeted the doorman "Hello, nigger man!" when she got her hopeful out of hearing say how the high-frequency currents will of the doorman she proceeded to explain

be generated, or, the form of wiring which to her daughter that "a nigger wasn't a will be utilized. He says that he is merely nigger, but a colored man." The youngforward to discover the ideal form of il- say "nigger" again. lumination. He adds that invention has An hour later she was back from her

necessarily to move slowly when once large walk. The same doorman was on duty. capital is invested in one particular form Miss Two-and-a-half-year-old looked him The Illinois Central railroad is planning of manufacture. Long before the state of over solemnly,

"Hello, colored man!" she said to him no doubt, pass through other stages of before she could be dragged aboard the thermo-lighting, by which is meant the elevator,

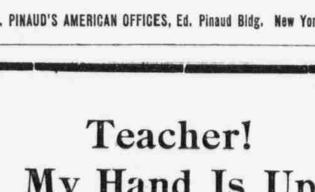


without children; it is her nature to love and want them as much so as it is to love the beautiful and pure. The critical ordeal through which the expectant mother must

pass, however, is so fraught with dread, pain, suffering and danger, that the very thought of it fills her with apprehension and horror. There is no necessity for the reproduction of life to be either painful or dangerous. The use of Mother's Friend so prepares the system for the coming event that it is safely passed without any danger. This great and wonderful

of women through







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