

IN THE FIELD OF ELECTRICITY

Review of the Progress of the Industry During the Past Year.

GAIN OF FIFTY PER CENT IN MANY LINES

Some of the Great Contracts Awarded—Increased Use and Reduced Rates for Current—Prospects for 1903.

Thomas Commerford Martin, editor of the Electrical World and Engineer, contributor to the New Year issue of the New York Times the following review of electrical progress during 1902.

The United States census returns of electrical manufactures in 1902, published this year by the writer as expert agent for the government, revealed a total of close upon \$106,000,000. Allowing an increase of 20 per cent each year since the figures were compiled, a total output of \$150,000,000 for 1903 is reached.

In many lines of electrical industry the gain this last year has been 50 per cent. No line of production has shown greater activity, though some may have yielded larger gains to this amount.

There are not many lines of industrial and financial enterprises that can exceed this, and it need not surprise us that the capital obligations in the field have attained a figure this year not less than one-quarter of those quoted for the great steam railroad system of the country.

The margin of possible occupation thus presented is as few industries have ever had opened up to them and is enough to explain the intense activity of factories producing electric motors.

Power transmission, whether associated with or separate from the railway or lighting work, has absorbed large sums of money during 1902, and the coal strike marked up the values of waterfalls in an extraordinary manner.

The last year saw extensive operations in the Pacific cable, the extension of the Canadian shore of the beginning of a plant which will shelter the biggest dynamo yet built.

Telegony is not altogether dead, nor is it sleeping, even if for the bulk of its work it adheres to the time-honored key and sounder, and unfortunately looks askance at machine telegraphy which alone can give the wireless methods the coming in for a great deal of work hitherto done by submarine cable.

There are so many branches of electrical endeavor now coming to the fore, all of them are in less hopeful state than others. Thus the wild speculation in automobile stocks has seen market paper values of \$28,000,000 authorized and \$45,000,000 outstanding reduced to about \$7,500,000 at present quotations.

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acquisition by American capital of control of all the new underground electric railway development in the British metropolis.

A technical feature not to be overlooked in this connection is the award of a contract during the past year for a long 'cross-country road' to be operated by the alternating current, namely, that between Washington, Baltimore, Annapolis, etc., while analogous work is in hand in other parts also.

Electric lighting has pursued a quiet course of expansion and has little to record but property and the annexation of new territory.

As to electric power, the growth in 1902 was simply phenomenal, so that the company just mentioned, being ten years ago, the opportunities in this direction are virtually limitless and none the less real because of their magnitude.

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The White Dress Suit

Short Story by ELLIOT WALKER.

"What are you going to wear, Sherman?" Gladys Brooke put down her coffee cup and fixed her sparkling eyes inquiring upon the face opposite.

"Well," he said, "if I am foolish enough to allow myself to be inveigled into attending a masquerade ball I am bright enough to keep the secret of my costume to myself. I don't believe I shall tell you, my dear."

"Now, that's what I call mean," cried his pretty wife in consternation. "Of course you'll tell me, Sherman. I told you all about the masquerade case."

"I guess not. All men look alike in black dress suits, and I imagine no one will know me."

"You will be grand," she cried; "simply grand."

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"You haven't given out so soon, have you?" "No," said he, "I'll stick it out, I guess."

"The masquerade surged up to them and away as Gladys chattered brightly and made guesses at random. Every little while a gap in the immediate crowd would leave an opportunity for more extended talk."

"Why, of course I wouldn't with this costume," she responded. "Imagine a shepherdess decked out in my diamonds."

"I don't think much of your present hiding place," he observed. "An upper drawer is not of great consequence."

"Well, I had them in my hand, and I ought to know," returned her companion. "You may have intended to have put them some where, but I forgot it. I think I would try a safer place, my dear."

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like the poet, is born, not made. An additional interest attaches to this costume because of the encouragement he gives to women cooks.

It has always been said that women can not attain to great heights as cooks and creators of dishes, and that, just as they fail to excel in music, poetry and painting, they fall also in the higher mysteries of cooking.

The first attempt to track a criminal in the city of Washington with bloodhounds, relates the Washington Post, was made recently when Detective Trumbo set his hounds in pursuit of the murderer of Mrs. Kate Jordan in Anacostia, a few hours after the crime.

The dogs, after sport with a ball, were taught to hunt for it. Mame from the start seemed to have the keener olfactory sense, while her companion was inclined to become tired after the least work.

When the dogs were permitted to follow human beings they seemed to be in their element. They have been very accurate in following the exact path taken by men.

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FROM WITHOUT ADULTERATION TO COCOA AND CHOCOLATE QUALITY UNEQUALLED

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