

THE FIELD OF ELECTRICITY

Details of Another Plan to Place a Curb Bit on Niagara.

WHEELS SUSPENDED FROM A BRIDGE

Electric Power on Railroads Gradually Increasing—The Summer Fair as a Cooling Agent—Development in Various Lines.

Alonso C. Mather, a Buffalo inventor, has applied to the governor of New York for permission to harness Niagara in a manner radically different from the costly plans now approaching completion at the Falls.

As soon as the necessary permission is obtained an experimental span will be erected and run sufficiently long to give it a thorough trial. It will have stone abutments supporting a steel truss bridge sixty-five or seventy feet above the water and a steel girder supporting a steel undershot wheel.

The bridge is so designed as to have at each side a locomotive to give it the next to a roadway and tank for electrical cars and finally a footway. The bridge, when completed, will have ten spans. Probably the bridge will be built in sections, the wheels being hung beneath it.

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Electricity is steadily crowding into the domain of steam as a railroad motive power. The New York Central and Hudson River lines will soon operate an electric line from Washington to Alexandria.

The introduction of electricity on the Nantasket branch of the New York, New Haven & Hartford line and the other lines which the New York Central road is making to determine its suitability for the Buffalo & Niagara Falls branch.

The Philadelphia are greatly exercised over the big statue of William Penn which surrounds the city square.

Telephone rates at Ottumwa, Ia., dropped to \$20 a year for offices and \$12 for houses. Score another for competition.

Among recent telephone improvements is an attachment for neutralizing disagreeable sounds received by telephone.

lavor. The whistle keeps up its warning note until some one answers the call and turns off the steam, which is done by replacing the weight.

THE SUMMER FAN. There is just now more activity in the sale of motor fans than in any branch of electrical business.

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DETECTING SHAM DIAMONDS. An inventor has devised an electrical apparatus for the detection of sham diamonds.

THE ELECTRIC LIBRARY. There is a remarkable thing about the new Boston library of which the novel is the method of conveying the books between the main desk and the bookcases on the upper floors.

MACHINERY AND LABOR. Manufacturers and Workmen Under Changing Conditions. The Boston Transcript tells of a manufacturer employing 700 operatives.

OPAL VARY LITTLE. Styles in Opal vary little. Overalls, cowhide boots, a jumper, a flannel shirt, a red silk handkerchief, a broad-brimmed sombrero and a walking stick constitute the regular dress.

FOUND THE MISSING WORD. A hotel clerk told this story to the Louisville Courier-Journal. Three men from the city came into the hotel and registered for lodging and a few minutes later two of them went out to see the town.

CHILDREN CRY FOR PITCHER'S CASTORIA. Children Cry for Pitcher's Castoria. Children Cry for Pitcher's Castoria.

AN OPAL IN THE WILDERNESS

A Western Jewel Recently Sketched by an Eastern Tenderfoot.

HUXBLE LIFE IN A LOFTY ALTITUDE

The Bare Genius Who Presides Over the Political, Commercial and Social Life of the Metropolis on the Uintah Mountains—Continued.

UNCLE SAM'S OWN FARM. One Patch of 450 Acres—New Ideas in Farming.

Back of the big brick seed barn of the Department of Agriculture is a very funny kind of a garden, which has just begun to sprout.

THE OPALITES are as interesting as the place they live in. The man who owns the store is not elected to this high office.

A WESTERN BUSINESS MAN. The storekeeper at Opal is not a clever man in the place. He is just what the successful western storekeeper must be.

WOMEN. Although woman suffrage is way above the clouds, and running in full operation, it will be long before the woman is an equal voice with the original voter.

THEIR FAVORITE BOOKS. Cowper read only his bible and his prayer book. Hallam said that Livy was the model historian.

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THE QUEEN OF EXPOSITION

Chicago Enthroned the King, Paris Will Furnish the Queen.

GREAT SHOW OF THE DYING CENTURY

Plans for the 1900 Exposition Drawn on a Scale of Gorgeous Magnificence—Some of the Wonders that May Be Seen There.

If enterprise and push will insure the success of the Paris exposition of 1900 then an unparalleled achievement may be expected on the threshold of the twentieth century.

THE principal entrance to the exposition will be situated near the Seine, at one of the angles of the Place de la Concorde.

THE monumental bridge will be sixty inches in width, and will not interfere with navigation. A unique arch of beaten steel is expected to support the bridge.

THE committee within whose hands the work of laying out the general plan was entrusted, has assured them that they will give a home or habitation in some part or other of the Champs Elysees and as for the other streets, they will be laid out as they see fit.

THESE buildings will be arranged in a manner to heighten, by an effect of perspective, the apparent depth of the park, which they will develop and enrich by a gradual ascent from the Quay d'Orsay toward the Ecole Militaire.

THE famous Eiffel tower will also be retained, but its present artistic character has not yet arrived at any decision.

HOUSEKEEPERS have washed with all the soaps advertised and their washes have continued to shrink.

ANNOUNCEMENT. Housekeepers have washed with all the soaps advertised and their washes have continued to shrink.

FOR A LIMITED TIME

A HANDSOME LEATHER DOCKET CASE

FREE IN EXCHANGE FOR 10 TEN-CENT PAPER TAGS TAKEN FROM PIPER HEEB'S TOBACCO PLUG

CHAMPAGNE FLAVOR THE AMERICAN TOBACCO CO. NEW YORK.

WEAK MEN. Dr. Scaries & Searles, 1416 Barnum, Omaha, Neb.

ZOO SOAP FLOATS. JAS. S. KIRK & CO., U. S. A.

THE GREAT HUDYAN. HUDYAN'S VEGETABLE SOAP.

Handsome Feet Look Handsomer in LUDLOW'S SHOES for Ladies.

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