

He claims, in his article, that the facts I used are his, while in the preface to his book he lays no claim to the facts. Here is what he says: "The nature of the work is such that I have no claim for the presentation of new material." In regard to "Rocks and Soils," published by Dr. Stockbridge, I have lately examined it, and I can confirm what he has said, that it does not contain a single fact new to science. I believe *one* such claim is made, but the *facts* have been in print for *forty years*. We have the same publisher, and for that reason I do not care to make any comments upon it. Any of your readers that are interested will find a review of it in *Nature*, Jan. 24, 1889, p. 292.

D. O'BRINE.

Fort Collins, Col., Feb. 15.

## INDUSTRIAL NOTES.

## The Electric Light in Japan.

AN American electric-light system has again come out victoriously while competing with the older European systems. This time the battle-ground was Tokio, Japan, where a corporation of capitalists, The Takata Company, awarded a large contract for electric lighting to the Westinghouse Electric Company of Pittsburgh, Penn. The Westinghouse alternating-current system has gained great favor in eastern Asia, as an immense central station for electric lighting is now being installed with Westinghouse alternating-current apparatus in Canton, China. The Japanese plant will be put up at Shidznoka, near Tokio, and it will have a total capacity of 500 lights. This is the first alternating-current central-station plant in the land of the Mikado.

## A Big Road goes in for Electricity.

DURING the last week Mr. Thomas Lowry, president of one of the largest street-railway combinations in the world, showed his confidence in the electric system of street-railway propulsion by deciding to equip all the lines of St. Paul and Minneapolis by electricity. The electric company to whom this contract was awarded is the Sprague Electric Railway and Motor Company, and the investment called for from the street-railway company is said to be in the neighborhood of two million dollars.

Before deciding upon any system to be used upon these roads, the president of the company, together with the directors, made a careful inspection of all the different methods of operating street-cars in large cities, and investigated the merits of each. As a result of this investigation, the contracts for

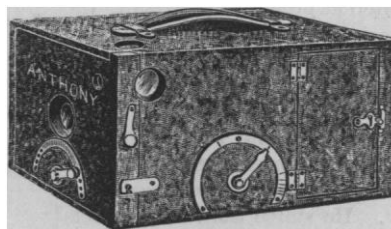
the partial equipments of the road by cable were cancelled, and negotiations were entered into with the Sprague Company for the entire electrical equipment.

By the terms of the contract, the Sprague Company is to fully equip and put into working order the entire mileage owned by the railway company, the work to be completed by June 1; and the first delivery of electric-railway apparatus, which will include 360 Sprague improved motors for the equipment of the rolling-stock, will be made shortly.

This is probably the largest order which has ever been given for electric-railway motors, and evinces the confidence which prominent street-railway managers feel in the electric system.

## Photography done Quickly.

THE initial letters of the above three words have been adopted as the name of the "P. D. Q." camera, a new detective camera of small size, manufactured by E. & H. T. Anthony of this city. This camera, which is shown in the cut, is adapted to the making of four-by-five inch pictures, either time or



THE P. D. Q. CAMERA.

instantaneous, and which may be taken either vertically or horizontally. It is provided with a finder which may be used for either position. Three patent double holders are supplied with each camera, — one for dry plates and two for films. The double-film holders are very durable and compact, being only three-eighths of an inch thick.

This camera is fitted with a combination instantaneous achromatic landscape lens and a shutter of a new design, which by its peculiar mechanism is always closed except at the moment of exposure, the resetting being accomplished by an ingenious device, which requires only the movement of a lever to the right or left. The manipulation of the shutter is wholly from the outside of the box, and it may be made to work with greater or less rapidity, as desired.

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## A New Method of Treating Disease.

## HOSPITAL REMEDIES.

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This new method of "one remedy for one disease" must appeal to the common sense of all sufferers, many of whom have experienced the ill effects, and thoroughly realize the absurdity of the claims of Patent Medicines which are guaranteed to cure every ill out of a single bottle, and the use of which, as statistics prove, has ruined more stomachs than alcohol. A circular describing these new remedies is sent free on receipt of stamp to pay postage by Hospital Remedy Company, Toronto, Canada, sole proprietors.

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