

GERMAN RAILROAD SPEED.

Nails and Ties Damaged by Speed in Electric Trials.

Several months have elapsed since the close of the experiments in high-speed electrical traction over the specially prepared railroad line between Berlin and Zossen. No official report of the results obtained has yet been printed. But from authentic sources some highly interesting information has been obtained.

It will be remembered that the purpose of the trials was to ascertain how high a rate of speed, by the use of electric power, might be practically and safely attained with the track and cars provided. The trials began at forty miles an hour, the speed being gradually increased until about eighteen or twenty days after the first trial was made a speed of 93.2 miles an hour was obtained. Then the experiments suddenly ceased. The fact has been learned that the trials were brought to a close because it was found that at the highest rate of speed the strain on the track and the roadbed was so great that they had to be repaired at night for the work of the next day. In short the limit of practical utility and safety had been reached with the facilities at command.

The track was in perfect repair, but the rails were of the old Prussian standard and rather light. At ordinary speeds everything worked perfectly; but as a speed of 81 miles was approached and exceeded new and serious conditions were encountered. The rails and ties both proved too light for such a strain, the track began to give way, and the cars swayed violently from side to side. The highest rate of speed was

SALADA

Ceylon Tea is the finest Tea the world produces, and is sold only in lead packets.

Black, Mixed and Green.

Japan tea drinkers try "Salada" Green tea.

attained on two occasions, but the results were discouraging and the experiments were therefore discontinued. The net result of the trials is that up to a speed of 81 miles an hour they were successful and satisfactory.

German electricians regard the experiments as technically successful from their point of view. The disappointment lay in the fact, which seems to have been conclusively demonstrated, that a large part of the German railroads cannot be adapted to high-speed electrical traction without being practically rebuilt.

A farmer's man took the village doctor a note the other day, and with some difficulty Medicus spelled out: "Please send me a bottle of izzie." "Hulloa," exclaimed the doctor, "i-z-z-i-c doesn't spell physics." "Don't it?" answered the rustic; "what do it spell then?" The doctor gave it up.

C. C. RICHARDS & CO.

Gentlemen, I have used MINARD'S LINIMENT on my vessel and on my family for years, and for every day ills and accidents of life I consider it has no equal.

I would not start on a voyage without it, if it cost a dollar a bottle.

CAPT. F. R. DESJARDIN.
Schr. "Storke," St. Andre, Kamouraska.

Mr. Henpeck proposes that the marriage service should be altered so that it will read: "Who dare take his woman?" And the bridegroom shall answer: "I dare."

ANOTHER CALIFORNIA EXCURSION.

The Wabash Railroad Company is again in the field with another cheap excursion to Los Angeles and San Francisco; the round trip will be less than the one-way first-class fare tickets. On sale May 26th to June 7th, 1902. Good to return any time within 60 days. Choice of routes going and returning west of Chicago or St. Louis. All tickets should read via Detroit, and over the Wabash, the short and true route from Canada to California. Full particulars of this wonderful trip from any agent or J. A. Richardson, District Passenger Agent, corner King and Yonge streets, Toronto.

"Mr. Linger spends a great deal of time with you, Molly," said Miss Kittish to Miss Frocks. "Yes, but that's all he does spend."

One cent wise
One dollar foolish
To use any but the best

SUNLIGHT SOAP

REDUCES EXPENSE

Ask for the Octagon Bar

HOW CONTAGION SPREADS.

The Way to Avoid the Transmission of Diseases.

In these days we have most of us learned the lesson that contagion—that is to say the "catching" quality of a disease—is in every case a matter of a specific microbe or germ. By specific is meant that each disease has its own microbe, and one cannot catch the disease except by receiving in one way or another that particular germ.

These germs have their own manners and customs, means of travel and prescribed length of life, and it is by the study of these details that we learn how to avoid the transmission of contagious illnesses. We know, for instance, that to get typhoid fever or cholera the microbe has to be taken into the system in the form of impure food or water, and so every year one or more precautions are taken to have the water supplies of our big cities free from contamination, and stricter attention is given to the purity of our food. An outbreak of typhoid fever is no longer considered, in the old sense, a "visitation of Providence," but is recognized as a shame and a reflection on local conditions, wherever it occurs.

Consumption and whooping-cough, we know, are passed from one person to another by means of the expectorations, and it is to be hoped that in the near future we shall put this knowledge to better use than we do at present, and protect ourselves by much more stringent rules. General expectation is a public offense and menace, and should be made a penal matter. The danger with expectorated matter is that it dries and then is scattered by the wind so that one and all must take the risks. This outrage should be so handled by all in authority that in the near future the present condition of our cars and streets will seem like an evil nightmare.

Scarlet fever and diphtheria are caught by any emanations from the body, especially by saliva. The poison can cling for months and years to clothes and toys and books, and these things should always be destroyed if they have come in contact with the sick, and sick rooms should be fumigated and made scientifically clean before they are again occupied.

Notwithstanding all our precautions there will always be disease germs, but the most virulent germ can do no harm unless it finds its proper soil, and there is no armor to compare with the resistant power of perfect health.—Youth's Companion.

The Krupp 94-inch gun can pierce 18 inches of steel. The British 114 has failed to do so.

A horse can pull three tons on level steel rails for every ton he can pull on an ordinary high-road.

Minard's Liniment Relieves Neuralgia.

2,000,000 shot and shell, weighing 20,000 tons, is the average annual output of British arsenals.

Beware of Ointments for Catarrh that contain Mercury

as mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is often told to the good you can possibly derive from them. Hal's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury, and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hal's Catarrh Cure be sure you get the genuine. It is taken internally, and made in Toledo, Ohio, by F. J. Cheney & Co. Testimonials free.

Sold by Druggists, price 75c per bottle. Hal's Family Pills are the best.

TELESCOPIC FIRE LADDERS.

A German invention in fire ladders has recently been tried with success at Pittsburgh, Pennsylvania. It consists of a telescopic ladder, capable of being extended to a length of 85 feet, and worked by means of "compressed air." The ladder is attached to a heavy truck carrying an air-tank. The ladder can be directed at a particular window, or other place in a burning building that it is desirable to reach. A fireman lashed to the end of the ladder is shot up with it, and rescued persons need not clamber down, as the ladder can be quickly lowered with them on it.

PAGE METAL GATES

are so low in price no one can afford to use wooden ones. Light, and yet strong enough to support a heavy man on the end while he swings around the circle without causing them to sag. They are neat in appearance, will last a lifetime. Will not sag nor get rusty. They are supplied with latches which allow them to be opened either way and are self-acting. The only good metal gate for fence purposes. We also make Farm and Ornamental Fence, Poultry Netting, Nails and Staples. The Page Wire Fence Co., Limited, Walkerville, Ont.

THE AWAKENING.

The meanest man on earth has been found. His mind had been wandering with fever for three weeks, and when he came back to his senses and opened his eyes he saw a fair face under a white cap bending over his pillow:

"Who—who are you?" he gasped. "I'm the trained nurse."

"The trained nurse! Oh, good gracious! And how much am I paying you?"

She told him, and he turned his head, groaning in the soreness of his affliction. A few moments later, though, his face lit up with a flash of hope. "But I'm back in my right mind now, ain't I?"

"Why, yes; I think you are."

"All right, then," with fierce exultation. "I give you notice to leave to-night!"

TWO LETTERS.

THEY PROVE THE PERMANENCY OF CURES BY DODD'S KIDNEY PILLS.

Over Six Years Have Gone by, and This Cure Still Stands—Only One of Many Such Cases.

St. Mary's Ferry, N. B., May 19. (Special)—Mr. Thomas Harrison of this place has addressed two significant letters to The Dodds Medicine Co., Toronto.

The First One.

St. Mary's Ferry, Dec. 18, 1895. Gentlemen:

I feel it my duty to you and to the public at large to tell what Dodd's Kidney Pills have done for me.

About one year ago I began to suffer with severe pains over the region of my kidneys, followed by a very lethargic feeling.

When I lay down it was torture to get up again.

This state continued for some time, and all the while I was still getting weaker and losing flesh rapidly.

My appetite was very much impaired, and at last I was obliged to call in a physician.

He gave me sufferings a very learned name, and doctored me for some time, but I got no better.

I called in several other physicians, but it was all no use; my sufferings got worse all the time until I began to despair of life.

A friend advised me to use Dodd's Kidney Pills. I was very skeptical but was prevailed on to commence a treatment; the first box made me feel some better.

I passed a stone that had formed in the bladder.

I continued the use of Dodd's Kidney Pills until I had used three boxes, and now believe that I have a radical and complete cure, as it is six months since I used any of the Pills, and have had no symptoms or return of the malady.

I know that my cure is due to Dodd's Kidney Pills, as I used no other medicine after commencing their use.

Yours truly,

THOMAS HARRISON.

The Second One.

St. Mary's Ferry, N. B., Mar. 24, 1902. Gentlemen:

What I said in 1895 I can at this moment most emphatically substantiate.

I have never had the slightest symptom of a return of my old trouble.

Yours truly,

THOMAS HARRISON.

She: "And will you always love me? All the livelong day?" He: "Ye-es, I think so. You'll give me a chance to stop for meals, I suppose?"

BOSTON EXCURSION VIA WEST SHORE.

The event of the season will be the cheap excursion from Buffalo or Suspension Bridge to Boston and return by regular trains of the West Shore Railroad. Tickets only ten dollars (\$10.00), good going May 23rd, and valid for return until and including June 2nd. See West Shore Agents for tickets and further information, or address H. Parry, General Agent, 377 Main Street, Buffalo, N. Y.

Palms never live more than 250 years. Ivy has been known to live 450, chestnut 860, oak 1,600, and yew 2,880 years.

TO CURE A COLD IN ONE DAY.

Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Grove's signature is on each box. 25c.

422 out of every 1,000 English people are able-bodied and between the ages of 20 and 55. In Ireland the number is 408.

Minard's Liniment Cures Dandruff.

"I am afraid that young Featherly, who calls on you so often, is rather a fast young man," said a father to his daughter. "Oh, no, he isn't, father," replied the little brother, who was present. "What do you know about Mr. Featherly?" demanded the old man. "I only know," the little man replied, "that I heard him ask sister for a kiss last night, and she told him he could have one if he would be quick about it but it was the slowest kiss that I ever saw."

If you drink Japan tea try a packet of Blue Ribbon Ceylon Green which is fast displacing it.

Put up Black Mixed & Ceylon Green

Non-Sulphurous.

Odorless.

Every Stick—A Match

Every Match—A Lighter

Every body asks for.....
E.B. Eddy's
"Headlight"
Parlour
Matches

The finest matches in the world, made from soft corky pine, and especially suitable for domestic use—put up in neat sliding boxes, assorted colors each box containing about 500 matches—three boxes in a package.

For Sale by All First Class Dealers.

LEMONS—Special Offer.

Providing we have your order at once, naming quantity required each month, we will guarantee to supply you with good sound Lemons of good quality, during the month of May \$3.00 per box, during June \$3.25 per box, during July \$3.50 per box no matter how much price advances. Ship them as you want them, one or more boxes at a time. This offer only open for few days.

The Dawson Commission Co., Limited, Toronto.

THIS PAINT



has stood the test of years and stood it just as a paint should stand that has proved itself the best of all the paints. It is

Ramsay's Paint

and no other, for no other has such a record for durability, economy, beauty, elasticity, easy to work, beautiful in tone, and at the proper price for the best paint.

Drop us a card and ask for BOOKLET "K" FREE, showing how some homes are painted.

A. RAMSAY & SON, Estab. 1842
MONTREAL Paint Makers

W P O. 1129

THE MOST POPULAR DENTIFRICE.

CALVERT'S
CARBOLIC
TOOTH
POWDER.

Preserves the teeth. Sweetens the breath. Strengthens the gums.

CLEANING LADIES'...

Can be done perfectly by our French Process. Try it. BRITISH AMERICAN DYEING CO.

MONTREAL, TORONTO, OTTAWA & QUEBEC

RELIABLE AGENTS WANTED

We want at once trustworthy men and women in every locality, local or traveling, to introduce a new discovery and keep our show cards and advertising matter tacked up in conspicuous places throughout the town and country. Steady employment, year round commission or salary, \$50.00 per month and Expenses, not to exceed \$2.50 per day.

Write for particulars. Postoffice box 337, INTERNATIONAL MEDICINE CO., LONDON, ONT.

WOOD & PHOTO ENGRAVING
J. L. JONES ENG. CO.
168 BAY STREET—TORONTO

Brass Band

Instruments, Drums, Uniforms, Etc.

EVERY TOWN CAN HAVE A BAND

Lowest prices ever quoted. Free catalogue, 200 illustrations, mailed free. Write us for anything in Brass or Musical Instruments.

WHALEY ROYCE & CO., Limited,

Toronto, Ont. and Winnipeg, Man.

DEBENTURES

Coupons Attached.

Our Debentures combine an absolutely safe security with a profitable return for the money invested. They are issued in sums of \$100 and upwards for terms of one, two, three, four or five years, and interest at the rate of

FOUR PER CENT. PER ANNUM

Accrues from the date on which the money is received by the Company. Write for further information.

THE CANADA PERMANENT and WESTERN CANADA MORTGAGE CORPORATION
OFFICES, TORONTO STREET, Toronto.

TO PRINTERS

FOR SALE.—Two 2-revolution Campbell Presses, bed 40x60 inches. Splendid order. Price \$1,000 each. Terms easy. S. FRANK WILSON, 73 West Adelaide St., Toronto

Dominion Line Steamships

Montreal to Liverpool, Boston to Liverpool, Portland to Liverpool. Via Queenstown.

Large and Fast Steamships. Superior accommodation for all classes of passengers. Saloons and State-rooms are splendid. Special attention has been given to the Second Saloon and Third-Class accommodation. For rates of passage and all particulars, apply to any agent of the Company, or

Richards, Mills & Co., D. Torrance & Co., 77 State St. Boston. Montreal and Portland.

PUL-MO

IS THE ONLY ABSOLUTE CURE for Consumption and all throat and lung troubles. One dose gives relief. One bottle often cures. A FREE BAEFLE BOTTLE to every reader of this paper. PUL-MO is for sale by all druggists at \$1.00 per large bottle—15 cents for small size, or it may be ordered direct from THE PUL-MO CO., TORONTO, ONT.