

THROUGH TO CANADA.

THE BIG TUNNEL IS NOW COMPLETE.

Elaborate Deductory Exercises at Both Ends of the Subterranean Passway—A Hole in the Ground Six Thousand Feet Long—How the Work was Accomplished.

Checked—the frightful inroads of Scrofula and all blood-taints. Dr. Pierce's Golden Medical Discovery purifies and enriches the blood, cleanses the system of all impurities, and restores health and strength.

It's the cheapest blood-purifier, sold through druggists, (no matter how many doses are offered for a dollar), because you only pay for the good you get.

The Soap for Hard Water is Lenox.



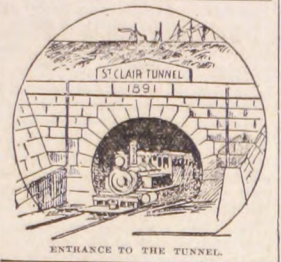
The Best Remedy for all the ailments of the nervous system, says J. Hoffman of Syracuse, N. Y. I am pasteurized three years ago and attacked by fits, has not any symptoms of them since he took one bottle of the remedy.

FREE—A Valuable Book on Nervous Diseases sent free to any address, and poor patients can also obtain this medicine free of charge.

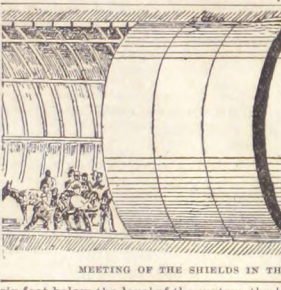
ELY'S CATARRH CREAM BALM. When applied to the nostrils it will be absorbed effectually, cleansing the heat of catarrhal virus causing healthy secretions.

LYDIA E. PINKHAM'S VEGETABLE COMPOUND. IS A POSITIVE CURE For all those Patent Complaints and Weaknesses so common among the Ladies of the World.

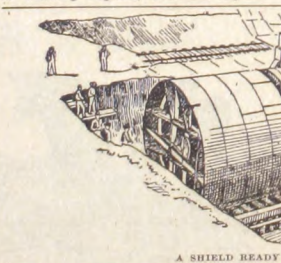
The St. Clair Tunnel. The ceremonies by which the St. Clair Tunnel was formally dedicated were the most elaborate of any ever held in that section.



of the most remarkable engineering feats of the present day. The Grand Trunk Railway extended its lines to Chicago in 1880. About 5,000 miles of railway will use this tunnel.



At first the company thought of starting from immense shafts on the shore, and then working outward to the land approaches. In 1886 test shafts were sunk on each side of the St. Clair River.



plants, material and labor, and it required about that sum. It is likely that a second tunnel will be built near this.

The St. Clair tunnel is 6,000 feet long. To the river's edge on the American side it is 1,716 feet; on the Canadian side it is 4,284 feet.

the longitudinal joints required 56 bolts. The flanges took in a circle of 20 feet and 5 inches in diameter.

When the bed of the river was reached, quicksand and water made great trouble. For some time it was thought the tunnel might have to be abandoned.

Because of water and quicksand the St. Clair tunnel could not have been constructed without the aid of hydraulic mining shields. Such shields had been used successfully in London, Chicago, Buffalo, Broadway tunnel, New York City, the Hudson River tunnel, and in other works.

The American shield was started July 1, 1889, and the Canadian shield was started July 21, 1889, and they met at 11:30 p. m., August 3, 1890.

The shields' shells were left in the tunnel and the tunnel walls laid up in them. The American had done the most work, and the easiest progress was toward Canada, the average being ten feet each day.

The tunnel approaches have the same general appearance of a subway tunnel. On each side of the great cuttings are high and deep stone retaining walls.

The average number of men employed was 700. The tunneling eight hours made a day's work. The tunnel was estimated to cost \$2,500,000, including

plants, material and labor, and it required about that sum. It is likely that a second tunnel will be built near this. The present plants and experience will then be of additional value.

It is believed that the Grand Trunk route, as thus improved, will offer facilities for through communication between Chicago and all points in the East which will be appreciated by passengers and shippers.

Household Cheer. All readers know that dark, lowering days tend to depress the spirits. The invalids feel the depressing influence seriously, and even those in vigorous health are sensible of it to a greater or less degree.

Analogous to this effect of dull weather is the effect of gloom in the household. Indeed, the influence is even more marked in this case than in the other. Cloudy days are the exception in the outside world, and are soon succeeded by sunshine; but in gloomy homes there are few rifts in the all-encompassing cloud.

It is thoroughly depressing, and this means that every inherited morbid tendency in the members of such a family is strengthened; that every incipient disease is helped toward development; that where disease is in progress, the power of resistance and recuperation is weakened.

The Professor and the Bootblacks. A crowd gathered at the corner of Chapel and Orange streets a day or two since and there saw a Yale professor delivering a lecture on the subject of bootblacks.

"Now, ma'am said the liverman, as he handed her the lines, 'you know how to handle a horse, don't you?' 'Certainly,' 'Keep to the right.' 'Don't attempt to cross in front of a street car.' 'No, s'r.' 'In case of fire give the engines the right of way.' 'Of course.' 'Don't drive in the street car track.' 'No, s'r.' 'In case you see a runaway horse coming—'

A Dream of Happiness. May be followed by a morning of 'La Grippe.' Easily, and why? Because the displacement of covering in a neglected draught from a poorly closed window, an open transom connected with a windy entry in a hotel, may convey to your nostrils and lungs the death-dealing blast.

SANTIAGO, the capital of Chili, is a city of 200,000 inhabitants, with an elevation of 1,800 feet above sea level and a charming climate. The surrounding country is fertile and very delightful, and the entire region will soon be brought into connection with the Atlantic side of South America by the completion of the great railway from Buenos Ayres.

One Fare for the Round Trip to All Points South. Sept. 15 and 29, the Chicago & Eastern Illinois Railroad Company will sell harvest excursion tickets to all points South at one fare for the round trip.

DR. L. G. GORRUCK, Toledo, O., says: 'I have a great medicine for the cure of catarrh of the bladder, and it is called Dr. L. G. Gorruck's Catarrh Remedy. It is a simple and safe remedy, and is sold by all druggists.'

Artistic Advertising. Undoubtedly the Ivory Soap people deserve credit for the best grade of illustrations now being used for advertising purposes. The series of full-page drawings which have been appearing on the last page of the Century represent some of the most capable book and magazine artists in the country.

Growth of Quakerism. The Quakers are not dying out, after all. A decline in their membership in Great Britain began before the end of the last century, and continued down to 1860, but since that date they have been increasing.

The Only One Ever Printed—Can You Find the Word? There is a 3-inch display advertisement in this paper this week which has no two words alike except one word. The same is true of each new one appearing each week from the Dr. Harter Medicine Co.

An Old Timer. A man in Germany has won a clock which will run 8,000 years. The maker has warranted it to run without stopping and without winding until midnight of the year 9999.

Vanderbilt's. Check is no stronger in Wall street than the word of Mr. H. G. Vanderbilt, a prominent carpenter and builder of Auburn, N. Y.

"I Pin My Faith" to Hood's Sarsaparilla. Whenever I see any one 'broken up' or 'run down,' I say, 'You just take a bottle of Hood's Sarsaparilla and it will bring you out all right.'



ONE ENJOYS Syrup of Figs. Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels.

CALIFORNIA FIG SYRUP CO. SAN FRANCISCO, CAL. LOUISVILLE, KY. NEW YORK, N.Y.

Little Liver Pills. DO NOT GRIBE NOR SICKEN. Sure cure for SICK HEADACHES, biliousness, constipation, indigestion, etc.

Tutt's Pills. enable the dyspeptic to eat whatever he wishes. They cause the food to assimilate and nourish the body, give appetite, and DEVELOP FLESH.

FAT FOLKS REDUCED. Mrs. Alice Marie, Oregon, Mo., writes: 'I was a fat woman, and I was very unhappy. I took your medicine and I am now a thin woman.'

"German Syrup"

We have selected two or three lines from letters freshly received from parents who have given German Syrup to their children in the emergencies of Croup.

ELECTROTYPING AND STEREOTYPING. The attention of ADVERTISERS, MANUFACTURERS and PRINTERS is called to our superior facilities for turning out FIRST-CLASS ELECTROTYPING or STEREOTYPING.

ADVERTISERS desiring a large or small number of Electrotype plates of an advertisement should get our prices before placing their orders. We make a specialty of DESIGNING and ENGRAVING ADVERTISEMENTS for all classes of trade.

NEWSPAPER-HEADING TYPE. Is the largest to be found in the West, and we make a specialty of furnishing Headings for all classes of publications.

CHICAGO NEWSPAPER UNION. 87, 89, 91, 93 SOUTH JEFFERSON ST., CHICAGO, ILL.

THE NEW WEBSTER. Entirely New. WEBSTER'S INTERNATIONAL DICTIONARY. Cost \$300.00. SUCCESSOR OF THE UNABRIDGED. Revised and Enlarged Edition.

Illinois State Medical Institute. 103 State St., Chicago. Chartered by the State. Authorized Capital \$150,000. Conducted by a Full Staff of Physicians, three of whom are noted German Specialists.

DETECTIVES. Wanted to see County to act in the Sheriff's office under instructions from Capt. Bureau, ex-Chief of Detectives of Cleveland, experience not necessary. Particulars free. Address: Grassan Detective Bureau Co., 47 Broad, Cleveland, O.

WHEN WRITING TO ADVERTISERS, please say you saw the advertisement in this paper.