# WAYS IN ONTARIO.

SUGGESTIONS FROM AN EXPERT AS TO THEIR CARE.

Previncial Road Instructor Campbell's First Report on the Work of the New De-Bartment-An Interesting Pamphlet.

A. W. Campbell, is a clever young engineer, who was appointed Provincial Instructor of Roadmaking of Ontario, by an Order-in-Council, dated April 15, 1896. Since then he has been lecturing and working at the good roads problem all over the country. His official report has recently been issued, and contains much valuable information.

Mr. Campbell notes the fact that the improvement of roads in Ontario has not kept pace with the progress made along other lines. He illustrates his system of personally pointing out roadway defects to Boards of Works, examining available material, deciding on the best system, and presenting the Council with an oral report, in addition to an address, covering the ground. During 1896 he visited the following places:

Towns and villages- Cobourg, Arnprior, Ingersoll, Winchester, Pembroke, Seaforth, Berlin, Orangeville, Brighton, Carleton Place, Iroquois, Galt, Clinton, Paisley, Barrie, Port Hope, Cornwall, Morrisburg, Newmarket, Woodstock, Paris.

Townships- Beckwith, Matilda, Williamsburg, Roxborough, Charlottenburg, Pembroke, North Norwich, Elderslie, West Zorra, Hamilton, Mountain, Finch, Cornwall, Lochiel, Tuckersmith, Cavan, Greenock, Puslinch, York; Winchester, Osnabruck, Kenyon, Lancaster Stanley, East Nissouri, East Zorra, Hallowell.

The report advocates a reorganization of the statute labour laws, especially as to the collection of the road appetite was very poor, and if I ate tax, which is now said to be ineffectual, anything at all, no matter how light wasteful and unjust. In Malden Town- the food was, it gave me a dull, heavy ship, in Essex County, the people abol- feeling in my stomach, which would by-law. The vote was two to one, and they are now framing plans for a new and shoulders that I could scarcely

#### WHERE THE FAULT LIES.

As to road construction, Mr. Campbell says the question of tires is an important one, and if tires of suitable the road question would be solved. The proper application of the energy which the good roads movement unnecessary. judicious manner. We should learn of the history of roads in countries where not waste money in speculative efforts. The question is both very broad and very local. No one class of pavement can be clearly specified for all streets, and no one class or road can be adopted in rural districts, but these can all be divided into classes and placed before councils and the people in such a manner as to materially aid in proportioning pavements to requirements, and to the ability of the various communities. There are the country roads which are least travelled; there are those more heavily travelled leading to highways; there are the main highways which carry the traffic of extensive areas; there is another class of roads most largely travelled of all, necessarily rare, which verge finally into the streets of large cities; there are the streets of villages, of towns, of cities, all of varying requirements, regarding which the most reliable information should be procured. There are materials suitable for all classes of roads, and there are principles involved in the construction of pavements as with any other structure.

### SOME SUGGESTIONS.

The data for determining the annual expenditure of money and labour on the streets and roads has never been In his hand was a cat-o'-nine-tails, and collected with sufficient accuracy to permit a close statement of this element of our national taxation. Enough is known, however to warrant the assertion that it is millions annually. blow on the head, none too gently ap-Of this vast sum the greater part is wasted in ill-contrived, and temporary repairs needed to keep the roads in a passable condition in the present state of our taxation it is difficult to expect the people to impose a special tax to speedily improve country roads generally. It will be found that to attain the end in view the best plan is to assemble as far as possible the forces at work, concentrating the expenditure of money and diverting to durable as much as possible of that which is now paid for merely temporary repairs. The most reasonable explanation of existing conditions is to be found in the little attention which has been paid to the effect and value of good roads. This in turn has permitted the adminestration of our laws to be neglected. and has not stimulated sufficient thought to develop an efficient organization of the ways and means available. No city, town or township, county or province can afford to rely solely upon its own efforts, but each should be a source of experience for the other. and all should be able to draw upon the experience of other lands, past and present, to the fullest extent. There is a great deal of past experience on which to draw, but there is more important, present and future experience which should be indexed and made available for reference.

The report contains about 100 pages. and is full from cover to cover with valuable information which every municipal council will do well to take to itself. Much interest is being taken in this question and many have been waiting anxiously for the report upon this new departure of Government work.

### FICKLE.

Clara-You know Mr. Smackerton, the fellow that was engaged to Miss Trapper? That fellow never could be depended upon.

Maud-What has he done now? Clara-Married her.

EXPOSURE BROUGHT ON AN ATTACK OF RHEUMATISM.

Nervousness and Stomach Troubles Fellowed - Sleep at Times Was Impossible -Health Again Restored.

From the Amherst, N. S., Sentinel. The little village of Petitoodiac is situated in the south-easterly part of New Brunswick, on the line of the Intercolonial Railway. Mr. Herbert Yoemans, who resides there, follows the occupation of a hunter and trapper. His occupation requires him to endure a great deal of exposure and hardship, more especially when the snow lies thick and deep on the ground in our cold winters. A few years ago Mr. Yeomans tells our correspondent that he was seized with a severe bilious attack and a complication of diseases, such as sour stomach, sick headache and rheumatism. Mr. Yoemans' version of the facts are:-"I became very ill and suffered the most excruciating pains in my arms, legs and shoulders, so much so that I could not in any position. I frequently could not sleep nights, and when I did I awoke with a tired



feeling and very much depressed. My raise my hands to my head. I tried different remedies, but all to no purpose. A neighbor came in one evening and asked "have you tried Dr. Williams' Pink Pills?" I had not but then determined to try them, and procured a box, and before the pills were all width were used, a very great part of gone, I began to improve. This encouraged me to purchase more and in a few weeks the pain in my shoulders and arms were all gone, and I was able is now wasted would, he thinks, give to get a good night's rest. My appe-us a system of roads that would render tite came back and the dull, listless feeling left me. I could eat a hearty meal, and have no bad after As a country we should conserve our effects and I felt strong and well enenergies and exercise them in the most ough as though I had taken a new judicious manner. We should learn of lease of life. My old occupation became a pleasure to me and I think the history of roads in countries where nothing of tramping eighteen or they dated back a thousand years, and twenty miles a day. I know from experience and I fully appreciate the wonderful results of Dr. Williams' Pink Pills as a safe and sure cure and I would urge all those afflicted with rheumatism or any other ailment, to try Pink Pills as they create new vigor, build up the shattered nervous system and make a new being of you. The genuine Pink Pills are sold only in boxes, bearing the full trade mark, "Dr. Williams' Pink Pills for Pale People." Protect yourself from imposition by refusing any pill that does not bear the registered trade mark around the box.

### A CLEVELAND'S WIFE BEATER.

Drunkard Nearly Killis His Wife Who Had Borne Him a Child Three Days Before.

A fifteen-year-old girl rushed from the house 28 Berge street, Cleveland, Ohio, late on Saturday afternoon shrieking for the police. Patrolmen Bidling, Meyer and Jacobson were attracted by her cries and following her into the house found Steve Ataraski standing over the unconscious form of his wife. even as the police entered he brought it down again and again on the head, face, and shoulders of the woman. A plied, sent him reeling to the wall, and the police snapped the manacles on him before he could recover. The woman's face, head and body were covered with great welts, showing where the blows had fallen. In places the flesh was cut.

Mrs. Ataraski gave birth to a child three days ago. On Saturday the husband returned home drunk. He commanded his wife to get out of bed and prepare his dinner. She protested that she was too ill. Enraged, the man seized the cat-o'-nine-tails and beat her. Frightened, she got up and tried to do as ordered. Too weak to stand, she fell over and sank into a chair. Crazed with anger, the husband renewed the assault, and blow after blow was rained upon the woman. She rolled unconscious from the chair, and then it was that the police, summoned by the cou-ple's daughter, burst in upon the scene. The woman was taken to a hospital. The physicians do not expect her to recover.

HAVE YOU NEURALGIA? If you suffer its agonies, and fail to get a remedy, we want you to try Nerviline. Its action on nerve pain is simply marvellous. Nerviline is the most pleasant and powerful remedy in the market. Try it.

### OUGHT TO KNOW.

Teacher-What makes you insist Willie, that fourteen ounces make a pound? Willie-I've helped pap 'tend grocery for two years an' I guess I orter to know.

### A FEMININE PARADOX.

There's another thing about woman that is paradoxical, growled Cyniky. What's that?

The less she puts on the longer it takes her to dress.

Stopping the Clock at a Death or Birth is Still Practiced

The superstitions which have clustered about the closing scene of human life are almost innumerable; some, perhaps, the greater portion, now seem to be meaningless, but a few had in early days a significance which they have since lost. The stopping of the clock at the moment a death occurs in the house is still practiced in many families in this country and Europe, and originated in the fact that according to the laws of several European states it was necessary to have evidence of the exact moment of births and deaths occurring in the royal family. When a king died an attendant was always present, whose duty it was to stop the clock in the royal apartment at the moment when death occurred, and the timepiece was thus a mute record of the event. From the royal families the descent of this practice to aristocratic, and, finally, to families of low degree was easy, and many persons adopted it as a mere superstition without knowing anything of its former significance. Turning the looking-glass to the wall is a superstition which is said to have originated in the country districts, of Germany during the days when mir-rors were novelties. Mirrors of glass with quicksilver backs are said to have been made at Venice in 1300 A.D., and were first made in England in 1673, but did not come into common use among the middle classes until the beginning of the last century. At first they were regarded with superstitious awe, the idea being that the reflection of the face in the mirror was a sort of specter or second soul of the individual. When a death occurred the lookingglass which the person was accustomed to use was turned to the wall, lest his ghost should be disturbed by others using the mirror before his spirit had finally departed from the neighborhood, there being an idea that the spirit of the departed lingered about the vicinity for several hours, or perhaps days, after it had separated from the body.

"A MAN'S A MAN FOR A' THAT," Even if he has corns on both feet. But he is a stronger, happier and wiser man if he uses Putnam's Painless Corn Extractor, and gets rid of the unsightly corns, painlessly and at once.

#### HE STATES FACT.

Is Humply telling the truth when he says he was never whipped? Oh, yes. He's the fastest runner in

STATE OF OHIO, CITY OF TOLEDO, LUCAS COUNTY.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CENEY & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of Cararrh that cannot be cured by the use of HALL'S CATARRH CUREFRANK J. CHENEY. Sworn to before me and subscribed in my presence, this 3th day of December, A. D. 1896.

A. W. GLEASON, Notary Public. Hall's Catarrh Cure is taken internally and acts directly on the blood and mucous surfaces of the system. Sond for testimonials, free. F. G. CHENEY & CO., Toledo, O.

Sold by Druggists, 75c. Hall's Family Pills are the best.

#### FRANCE SHIPBUILDING.

Though it cost from 25 to 50 per cent. more to build a merchant vessel in France than in England, according to the Vicomte d'Avenel, France still builds her own ships.

### Adams' Ginger Beer

Adams Extract Fleischmann's Yeast - One half to one cake, Cream of Tartar Lukewarm Water - - Two gallons. Dissolve the sugar, cream of tartar and yeast in the water, add the extract, and bottle; place in a warm place for twenty-four hours until it ferments, then place on ice, when it will open sparkling, cool and delicious. The ginger beer can be obtained in all drug an I grocery stores in 10 cent bottles to make two gallons.

### BACK-ACTING EXCAVATOR.

In an improved steam shovel or excavator the shovel instead of being thrust from the car of the machine in digging or taking up a load is moved toward the machine, which is thereby particularly well adapted for places where the surface to be removed is underlaid by ground too soft to support the weight of the machine after the surface is removed, as the car can travel in advance of the work.



Has for a Fifth of a Century Cured all forms of . . .

KIDNEY and LIVER DISEASES.

THE DREAD

#### BRIGHT'S DISEASE

is but advanced Kidney Disease. Either is Dangerous. Both can be Cured if treated in time with Warner's Safe Cure.

> Accept no substitute. Write for free treatment blank to-day. Warner's Safe Cure Co., Rochester, N. Y.

CURIOUS SUPERSTITIONS.

DOCTORS RECOMMEND Ceylon Tea LEAD PACKETS ONLY

WOOD & PHOTO ENGRAVING 6 8 10 ADELAIDE STW. TORONIO

TO INVENTORS. in all countries by International Patent Bureau, 12 Melinda St. Information free. G. O. FREEMAN, Manager. R. A. KELLOND, Expert and Examiner.

Save a Profit When You can. Farmers, Threshers, think. This means something to you. 12 GOLD MEDALS FOR

A prize winner is better than a loser—Leading oil for twenty years—Dealers all sell it to their best trade—A word to the wise—Peerless Oil will save you money—Be decided-Ask for it.

The QUEEN CITY OIL CO., Lt'd., TORONTO. SAMUEL ROGERS, President.

### Canada Permanent LOAN AND SAVINGS CO.

\$5,000,000 Subscribed Capital Paid-up Capital 2,600,000 Assets, over -12,000,000

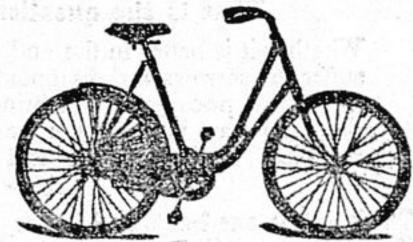
Head Office-Toronto St., Toronto. Branch Offices-Winnipeg, Man.: Vancouver, B. C.

The ample resources of this Company enable its Directors to make advances on Real Estate without delay, at low rates of interest, and on the most favorable terms of repayment. Loans granted on Improved Farms and on Productive Town and City Properties.

Mortgages and Municipal Debentures Purchased. Application may be made through the Company's Local Appraisers, or at the Offices of the Company,

J. HERBERT MASON, Managing Director, Toronto.

This in a word, is expressive of the reputation enjoyed by the



Its Bearings are dust and oil proof. Is oiled but once a year. Will last a lifetime.

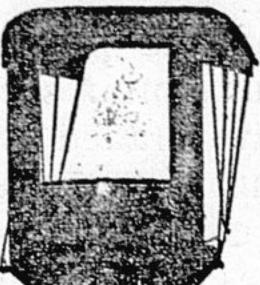
Get a catalogue.

MANUFACTURED BY THE Canadian Typograph Co., Ltd. WINDSOR, ONT.

#### MILLS. MILLS & HALES, Barristers, Solishon, &c., Aberdeen Chambers, & Adelaki Street East, Toronte. Money to Loan. Q. G. Mills. R. A.-A. Mills.-Jos. Halos. LL. B.



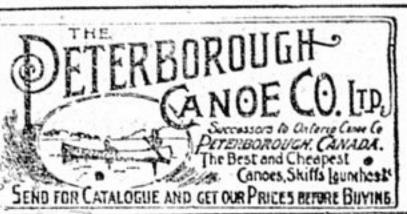
OTRONTO-Gerrard and Yonge Sts., at the top. It has more teachers more students, and arsists many more young men and women into positions than any other Canadian Business School. Get particu-lars. Enter any time. Write W.H. SHAW, Principal.



CARRIAGE TOPS When you buy a carriage make sure that the Top has a Roller Cur-tain. Some unscrupulous dealers for the sake of a little extra profit may try common top. Insist on having a Conboy Roller Top. It will at all times and under all con-ditions give you satisfaction.

#### G. DUTHIE & SONS Slate, Sheet-Metal, Tile & Gravel Roofers

Sheet Metal Cellings, Terra Cotto Tile, Red Black and Green Roofing Slate, Metal Cor-pices, Fek, Tar, Roofing Pitch, Etc. Gutters, Downpipes, &c., supplied the trade. Telephone 1986. Adelaide & Widmer see TORONTO.



Small or Large Quantities,

EVERY QUALITY. Harris, headquarters for mixed metals

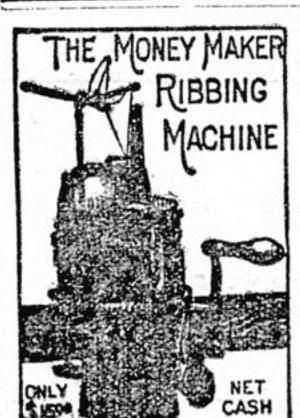
Tel, 1729 apris Tel, 1729

Business Opportunity.

A profitable business successfully carried on in Hamilton, Ont., for over forty years is offered for sale at \$12,000. Eight thousand of the amount is in real estate necessary to the business, and the balance \$4,000.00 in stock and plant. For particulars address by letter,

A. A. A. Box 42, Hamilton Post Office

# DUNNS BAKING



# KNITTING MACHINES

OLD AND RELIABLE

Established 187%

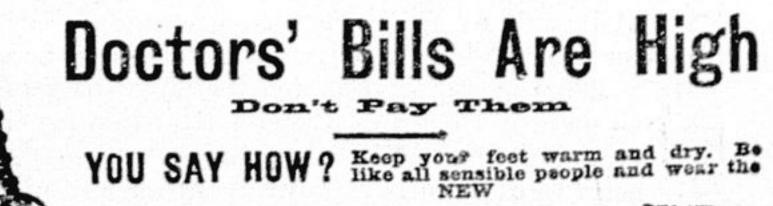
THIS IS FOR YOU-Clothe your family from head to foot with our

MONEY MAKER PRICES ONLY \$15, \$20, \$30

CREELMAN BROS. - Georgetown, Ont. AF For Typowriters write us Th "Some lives are like" the more worn. The brighter. Busy wives who use SAPOLIO never seem to grow old. Try a. cake ...

A complete wreck of domestic happiness has often resulted from badly washed dishes, from an unclean kitchen, or from trifles which seemed light as air. But by these things a man often judges of his wife's devotion to her family, and charges her with general neglect when he finds her careless in these particulars. Many a home owes a large part of its thrifty neatness and its consequent happiness to SAPOLIO.

AF Grocers often substitute cheaper goods for SAPOLIO, to make a better profit. Send back such articles, and insist on having just what you ordered.



Patent Sleeper Flexible Insole

Used in the manufacture of Boots and Shoes by J. D. King & Co., To-ronto. A Goodyear Welted up-to-dat: Boot.

No cacks; no nails; flex-ible; easy. It will not squeak. THE J. D. KING CO., LTD., ONTARIO. TORONTO,

