### FEDERAL AID FOR GOOD ROADS.

Bulletin-Distributed on behalf of the Ontario Good Roads Association

The Ontario Highway Improvement Act, when first introduced, included a section providing for the construction of roads to specifications approved by the Public Works Department, before the counties were to be entitled to participate in the Government grant. This propassed, the one million dollars appropri ated being largely for educational work, and to encourage the counties to build and maintain a better class of roads. The result has been that twenty counties have assumed 3,620 miles of road, on which \$2,681,435 has been expended, one-

third being contributed by the Province. Some of the work on the county systems has been of an elementary character. This was to be expected, and was largely due to two causes: (1) The lack of experienced road superintendents to immediately take charge of the work, and a consequent term of experiment in each county until definite standards were reached; and (2) uncertainty on the part of councillors and ratepayers as to road-building, the organization necessary, and results to be expected. The Highway Act to the present time has none much toward training a number of practical road superintendents; Las educuted and formed public opinion as to what roads should be; and has produced in actual road improvement, gool results for the money expended. Much exeellent pioneer work and organization

There has been, and is, however, a lack of uniformity in methods and results, but a great unanimity of effort to secare the proportion payable by the Govtrament. The announcement by Premier Borden that Federal aid would be provided for highway improvement has been received with the heartiest approval in Ontario. Those interested in good roads are now considering how the Federal aid can be best applied.

The Ontario Good Roads Association. recognizing the necessity for a better class of county roads, and the lack of uniformity, passed a number of resolu-tions at its annual meeting in March, 1911.

TAX ON MOTOR VEHICLES

I. "For Provincial co-operation for naintenance of county roads by levying a tag of fifty cents per horsepower motor vehicles."

The horsepower of all the licensed ears in Ontario is estimated at 240,000 This would produce a revenue of \$120,000 and the number of automobiles is rapidly incerasing.

INCREASED PROVINCIAL AID.

II. "For increasing the proportion of Provincial grant where roads are built according to a standard to be determinby the Provincial Department of Public Works."

This is the original idea contained in the first draft of The Highway Improvestructed in accordance with specifications prepared by a central authority. There should be uniformity in every county where the local conditions are the same. The construction of roads of a higher standard will cost more money, The suggestion is that the cost of roads of this class should be provided, onethird by the Dominion, one-third by the Province, and one-third by the county. PROVINCIAL HIGHWAYS.

"III. For a system of Provincial highways to be assumed and built by the

This is a new idea, received with favor by the Provincial authorities since the offer of Federal aid was announced. A yetem of roads conecting all the county towas to be assumed, constructed, and naintained by the Province the Federal Government assisting in proportion to the expenditure, would be ideal. This would require 2,000 miles, costing approximately \$8,000 per mile, or sixteen Mion dollars not a large sum, when

we consider that it would be a number of years before this mileage could be The equalization of road expenditures in this way would give great impetus to the work of road improvement in the local municipalities, and be some compeneation for the necessary dodging and dust created by the ever-increasing traf-

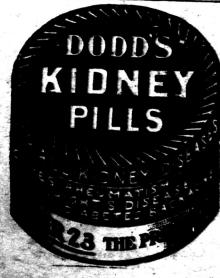
fic of motor vehicles. FEBERAL BUREAU OF HIGHWAYS. "IV. For the establishment by the Dominion Government of a Bureau of Highways, along the lines of the Office of Public Roads in connection with the

United States Department of Agricul-This would be valuable for the collec-

tion of information in reference to pavements and highway construction, the determination of specifications, and generally to harmonize the work of road iment throughout Canada, for provement throughout Unnum, which Federal aid would be available. FEDERAL AID.

No question of as great importance as Federal Aid for highway improvement has been suggested for many years. This is no doubt the result of the gradual growth of public opinion to an appreciation of the fact that the improvement of the main highways is as necessary to the further development of the country as railways have been in the past. It is expected that the Dominion Gov-

ernment will refer the whole question to a commission to report on highway improvement, the extent to which Federal



ai debould be provided, and the advinc-bility of establishing a Good Roads Bur-can at Ottawa. It will not be difficult to apply Federal aid in Outario, but it is not certain that a dustar system will work out in Quebee, or some of the other Provinces that have not taken up the question along modern lines.

It will be necessary in every Province to divide the roads. The four classes

ugested for Ontario are: I. Provincial roads, to be construe and maintained with Pederal aid.

II. County roads, to be const and maintained to a specified standard, with Provincial and Federal aid. III. County roads, constructed with Provincial aid, as at present, under The

Highway Improvement Act. IV. Roads constructed and maintained by the local municipalities.
This classification could be applied in

part in every Province. It will be necessary also to determine the basis on which Federal aid should be apportioned amongst the Provinces, after which each should be allowed to work out its own system, subject to the approval of a Dominion authority.

The Executive of The Ontario Good

Roads Association is completing arrangements for a Provincial deputation to attend at Ottawa on Thursday, the 8th day of February, and wait upon Premier Borden and the members of his Cabinet to present their views in reference to Federal aid for good roads and hod it can best be distributed and applied throughout Canada, and Ontario in particular.

The annual convention of The Ontario Good Roads Association will be held at Toronto on the 26th, 27th and 28th days of February. In view of the added interest created by the question of Federal aid, it is expected that the meeting will be the largest in the history of the

### USE OF COCOA INCREASING.

Manufacturers of cocoa report that that drink is becoming more and more popular in the United States. Many families are using it exclusively in preference to coffee and tea.

There are as many varieties of cocon and grades of each variety as there are of tea or coffee. Cocoa is produced by extracting a large percentage of original oil of the bean, which known as cocoa-butter. The mass thus obtained as reduced to a fine powedr.
Within the last five years the United

States has become the largest consum-er of raw cocoa in the world, practically all of which comes to New York. There are fewer than 25 chocolate manufactur era in the United States, as against some 500 in Germany. Germany is second, France third, Switzerland fourth and New England fifth in the amount of cocoa consumed. By far the largest percentage of cocoa imported goes eventually to the cardy manufacturers. From the Baker and Confectioner.

## Shiloh's Cure STOPS COUCHS HEALS THE LUNGS PRICE, 25 CENTS



Tis better to resolve and break, Than never to resolve at all. Reform, you say, is but a fake? My vows of goodness are a stall?

Perhaps; yet if I try—and fall
At least I've had the heart to make An effort howsoever small, A little boost for goodness' sake.

And though thereafter I may take The pathways where temptations And though I have a thirst to clake

And other habits hold their thrall, shall maintain until my wake That trying's good, although you

Tis better to resolve and break

Than never to resolve at all! Minard's Liniment Cure Garget In

VOICES OF THE NIGHT.

(Chicago Tribune.) "Maria, you're going to be late for the opera again, as usual."
"Well, good night. Mrs. Jipes. We've had a splendid time. Good night!"
"Good night. Come again. Good night. Got everything? Well, good night."
"God night. You must come and see us soon. Good night."
"We will. Isn't this your umbrella? Well good night."

"No; we didn't bring any. Good night."
"Good night. Weenjoyed your call ever so much. Good night."
"Good night."
"Good night."

### READ "PICKWICK PAPERS."

(St. Nicholas.)

Every one of you ought to know the "Pickwick Papers," even though you should never turn another page of Dickens, which would be a vast pity. But this book, at least, you should read, for the love and the fun, and the pathos, and the make-believe, the reality and the adventuring spirit of Dickens are crowded into its pages, which are as cramful of everiasting youth as the sun is of shining. You can't forget it, any more than you can forget you have hands and feet; and in a way you aren't reality complete unless you do know it. Something is missing out of your mind that ought to be there.

### NO SMOKING

(Montreal Gazette.)

Thirty-five thousand placards reading "Smoking prehibited on these premises under penalty of the law," are being posted in places of business in New York by the Fire Commissioners. The careless smoker has had a long day and he: left a trail of destruction in his wake. There will be few who will sympathize with him when his pleasure is curtailed. He has carned the punishment.

WHEN THE SLEEPER AWAKES She What did you mean by kinning me when I was asleep in the hammeck this He—I only took one little one.

Me—Tou didn't. I counted at least
even before I awoke.

MODERN EDUCATION. (New York Sen.) Maister Is Jones well educate Broker He can read a spend and write a cheque.

It takes twice he long to figure to could delay a thing as it is.

It - Washington Yest.

Four Children Constantly Scratching Manely Toro Limbs Off, Carolin a Month by Cuticura Seep

"I've of my daughters and two of my one wate sufficing from very had leads, the dec-tor ordering my daughters to have all their last cut off so as to prevent it from appending



bolsters would be literally covered with blood.

"The teachers would not let them attend school for fear of infection spreading among the other children, so I resolved to try the Guticura Ramedies, which I found to benefit my children greatly. I continued with the Guticura Boap and Guticura Ointment her one month, and the nesult is a marvelous cure." (Signed) George Arthur Robinson, st. 77, Fixwilliam St., Hayland Common, st. Barnsley, Yorka, Eng., Jan. 3, 1911.

Although Cuticura Boap and Ohntment see sold throughout the world, a liberal sample of each, with 32-p. book on the skin will be sent free, on application to Potter It & C. Corp., 46 Columbus Ava., Boston, U. S. A.

THE WAIL OF BUSINESS. We don't ask favors or charity;

We're not the sort who are We're merely asking where we are at. One Court says "Hat" and the other "Hum!" Another "Tweedle," another "Dum!" Meantime we're getting a deal that's

We want to be lawful—but what's the lawt We swnt to be lawful-but where the

With all this opinion running locast To-day we're right and to-merror wrong; Now, how the dence can we get along When the law's a matter of hide-and-

That shifts and changes from week to Week? What comfort or moral can be draw We want to be lawful-but what's the

We want to be lawful, and will be, teo, If you'll tell us certainly what to de; Enderal license, or what you please, Leave us somewhere but up in the air (We're horribly insecure up there);
We're weary of legal phrase and flaw—
We want to be lawful—but what's the law!

-Berton Braley, in Puck.

MINARD'S LINIMENT CO., LIMITED. Some time ago I had a bad attack of Quinsy which laid me up for two weeks

and cost a lot of money.

Finding the lump again forming in my
throat, I bathed freely with MINARD'S LINIMENT, and saturating a cloth with limiment left it on all night.

Next morning the swelling was gone and I attributed the warding off of an attack of Quinsy to the free use of MINARD'S LINIMENT. G. F. WORDEN.

### WHERE WAS JOHN?

A San Francisco woman, whose husband had been dead some years, went to a medium who produced to her satisfaction the spirit of her dead husband. "My dear John," said the widow to the spirit, "are you happy now?"
"I am very happy," John replied.

"Happier than you were on earth with me?" she asked. "Yes," was the answer. "I am far happier now than I was on earth with "Tell me, John, what is it like

heaven?" "Heaven!" John replied, "I'm not heaven."-National Monthly.

When Your Eyes Reed Gare
Try Murine Eye Remedy. No Smarting—Peels
Fine—Acts Quickly. Try it for Red, Weak,
Watery Byes and Gramulated Eyelida. Hustrated Book in each Package. Murine is
compounded by our Oculists—not a "Fatera Medinine"—but used in successful Physicians' Practice for many years. Now dediented to the Fublic and sold by Druggists at He and the par Bostia.
Murine Bye Salve in Assytic Tubes, He and the
Hurine Eye Remedy Go., Chicage

### A FIRE PREVENTION PLAN.

(Pittsburg Gazette-Times.)

New York City's fire loss in 1911 according to Commissioner Johnson's report, just issued, was \$3,000,000, London's was about a third of that. New York has 300 fires a year for every 100,000 inhabitants. Berlin has 97, London 81, Paris M. St. Petersburg 73, and Vienna 82. Commissioner Johnson says New York is spending \$3,000,000 a year on its fire department, which is concerned solely with the extinguishing of fires, and he suggests that a little of this money might be invested advantageously in the cunce of prevention that proverbially is worth a ton of cure. His idea is that there should be a bureau of experts devoting their entire time to eliminating dangangus out of the proventions and educating householders and others in protective measures. (Pittsburg Gazette-Times.)

Warts Removed Without Pain. Putnam's Painless Wart and Corn Exractor never fails to remove Warta Corns or Bunions, without pain, in a few hours. Give Putnam's a trial, price

ALL HIS WEALTH IN ONE BAS KET

(Chicago Tribune.) "Officer, would you mind walking a block or two with me? I have to pass a fart affer a little way sheat." "Got too much money wid ye" "illeasy nothing. I've got a pound of butter, four each and six slices of below.

however, robs it of that virture, and leaves it open to a good deal of discussion. Farmers, no doubt, make many and quite actious mistakes, but I think it will surely be admitted that they are the best judges as to the amount of production that produces the greatest profit. Even so good an authority as Dr. Rutherford, who in Tuesday's Globe points out the decline of the best industry, would find it very difficult did he attempt to persuade the farmer that the production of two dozen eggs at fifteen cents a dozen in more profitable than the production of one dozen at thirty cents. Farmers, not only ones, but on two or three occasions during the past fifteen years, made the mintake of overproducing in the hog line, and The Globe is quite familiar with the results. The election returns quite demonstrated the fact that the great weight of opposition to larger mark-ets came from the urban centres. Then why not allow the farmer quietly to enjoy the entisfaction he gets from watching the cost of living soar up-

Without wishing to be at all res ful, permit the thought that, should the cost of living reach to an intolerable height, the farmer will still be found producing for himself and family an abundance of the necessities of life. The farmer will hardly be accused of being a triffe selfish, since that is a characteristic common to all men. J. W. HAY.

Troy, Out.

Sickness is usually caused by the accumulation of waste matter and impurities within the body.

### Dr. Morse's Indian Root Pills.

enable the bowels, the kidneys, the lungs and the pores of the akin to throw off these impurities. Thus they

25c. a boz.

#### WARMER HOUSES (Stratford Beacon.)

Build warmer houses and save fuel is a lessen which the Peterborough Examiner draws from the recent cold snap. It soints to the fact that it would also save pumpers' bills and the houses which would be warmer in winter. Would be eccler in summer. This is good advice if people in preparing the houses to retain the heat would also not forget that if the air is entirely or almost entirely shut out the house is unhealthy. There does not seem to be any system of ventilation yet invented which is perfect and does away with the necessity of opening windows. Of course, if the walls of a house are so constructed as to keep out the cold or rather retain the heat, when windows are opened it can afterwards be more easily brought up to the requisite temperature than if they allowed the heat to escape, and the Beacon agrees with the Examiner that for the trifling difference in the entre cost a house arould, like a street, be built permanently.

Minard's Liniment Cures Distemper

### Canadian Pulp Wood in the United States.

(Ferestry Press Bulletin No. 53.)

In a pulpwood forest products bulletin shortly to be published by the Dominion Forestry Branch, statistics are given of the amount of pulpwood exported from Canada into the United States during 1916. Nine hundred and forty-three thousand cords of pulpwood (60 per cent. of the total Canadian pulp log cut), worth \$6,210,000, were shipped across the border in a raw state, without wadergoing are torm of manufacture. This pulpwood export was cut from the various provinces in the following amounts and values: 779,000 cords, worth \$5,090,-000 from the timber limits of Quebec; 90,000 cords, worth \$647,000, from New Brunswick, and 74,000 cords, worth \$473. 000. from Ontario. It is interesting to note to what extent provincial industry would have been increased if the nulp-wood exported to the United States had been converted into pulpwood on Canadian soil. The 779,000 cords exported from Quebec would have supplied material for a year to fifty-six pulp mills of the average size operating in Quebec. In Ontario five mills of the average size could have been kept running with the could have been keps running wish and pulp logs exported from this province. The 90,000 cords shipped from the ports of New Brunawick would have produced the most startling results if the amount had been domestically manufactured inte pulp. The amount exported was suffi-cient to supply with wood twenty-four mills of the average size, with the result that five times the number of mills operating would have been at work if Canadians in New Brunswick had been farseeing enough to manufacture their own raw products.

TOO GREAT A STRAIN.

Theatre Manager—You say you object to having real food or the table in the banquet score Mr. Greespayut. Why the rest of the company are delighted.

Mr. Greespayunt.

are delighted are delighted are delighted are to rive from the table after a country of the area of th

NA SEU CO BALL Congress will exactly our enterest that they be surrounded that can been been been or service species. All a service species are a service species.

Graby, was sentenced to death. His sentence was eventually commuted to one of life imprisonment, it being deemed inadvisable to ask men deing compulsory military service to form a firing party. The Chamber of Deputies passed the till.—From Potit Parisian.

#### A WINDSOR LADY'S APPEAL

To All Woman : I will send free with which positively curse Laucorrhoen Ulceration, Displacements, Falling of the Womb. Painful or Irregular Periods. Uterine and Overian Tumors or Growthe also Hot Physics, Nervousness, Malanchely. Pains in the Head, Back or Bowchely. Pains in the Head, Eack or Bow-ein, Kidner and Bladder Troubles, where caused by weakness peculiar to our sex. You can continue treatment at home at a cost of only about 12 cents a week, My book, "Woman's Own Medical Ad-vise," also sent free on request. Write to-day. Address Mrs. M. Summers, Box H. & Windsor: Out.

### MISTOOK THE DUCHESS.

Andrew Carnegie, who was invited to Whitelaw Reid's the other night to meet the Duke and Duchess of Connaught, did not recognize Her Royal Highness when later in the evening she approached him.
"Oh, Mr. Carnegie," said the Duchess, "I want to meet you; I have heard so much about you." The laird looked at the lady doubtful-

"I don't believe yong koow really who I am," the latter said, after they had talked for some time.

"Oh, yes, I do," protested Mr. Oarne-gie, "you are Mrs. Lawrence." The Duchess did not deny it, but later Mr. Carnegie found out his mistake, and when he went to the Duchess to say good-night, he apologized.

"Oh, I'll always be Mrs. Lawrence to you," laughed the Duchess.

HAVE YOU PAID YOUR DOCTOR'S

(Asylum Report, Iowa County, Wis.) Health and disease are parts of the plan of creation, the former is found among earth's children in every clime and the latter is busy from pole to pole. Four of disease and dread of death are parts of human nature and cause mankind everywhere to appeal to the physician; the prince in his palace; the peasant to his oottage, and the outcast in his ant iv his cottage, and the outcast in his hovel: the citizen in his mansion; the laborer in his shanty and the felon in his dungeon; the man with his millions and the man with his hoe; the conqueror and the captive; the lord and the cerf; the sailor and the seldler. All classes of men and women impleringly turn to the physician for relief.

### **WOMEN NEED GIN PILLS**

Port Dufferin, N. S., "I was troubled with Kidney Diseases I was troubled with kidney Diseases for several years. My back was weak. I had terrible headaches, and was so restless that I could not sleep at night. At last a friend told me about Gin Fi'is. I, at once, got a box and after taking them I felt better—after taking three boxes. I was cured oxes, I was cured. ETHEL DALCOMBE.

Write us for free sample of Gin Pills to try. Then get the regular size boxes at your dealer's, or direct from us—Se a box, 6 for \$2.50. Money refunded if Gin Pills fail to cure. National Drug & Chemical Co., of Canada, Limited, Dept. HL., Toronto.

### PARAFFIN.

A few drops of paraffin applied to a cut or gash will give instant relief and completely heal it in a few hours. A small quantity added to the water for boiling while clothes will make them beautiful color.

a beautiful color.

Two tablespoonfuls mixed with a Ducket of boiling water in which tables or boards are to be scrubbed will remier them beautifully white and smooth.

With the addition of a small lump of lard paraffin maye an excellent substitute for eyele lamp oil, and gives a steady, clear light.

Light (Puck.)

Editor—See here! You didn't send us in a swall of word on the burning of the city of Wangdoodle one of the biggest stortes of the war.

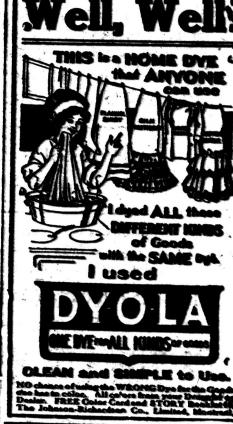
Water Correspondent—Of course I didn't. Didn't is extention of the other correspondent to the stention of the other correspondent of the city office and give you the "scoop" in that skirmlish by the Taggang River?

ISSUE NO. 6, 1912



COLORS ONE CANNOT SEE Perhaps you know that there is no such thing as color in the objects you look at. Some process in the brain trass. forms the waves of light that come from different things into what are called colors. When there is no light you see no colors and a red rose is the shade as a green tree.

At present people can disting seven colors in the rainbow, but as seven colors in the raintow, but actualists say there are others beyond these we see which the human eye cannot me yet. They have proved that some hacets, such as ants, can see rays of light beyond the violet, just as it has been shown that there are animals that car hear sounds which are too fine for hom an cars to detect.



THE FIRST CHRISTMAS CARD.

The exchange of greating cards, although now such a recognized part of Christmas tide ceremonias, is a custom

of quite recent origin. The honor of its invention is claimed for three men, all famous in other connections, the Rev. Edward Bradley (butter known as Cuthbert Bede, author of Verdant Green"); J. C. Horsley, R. A. and the late W. C. T. Dobson, R. A. Cuthbert Bede had a card printed from his own design for circulation in 1845. and two years later his printers, a Newcastle firm, put a number of cards on the market. About the same time, in 1846, J. C. Horsley designed a card for Sir Harry Cobe, of Summerly's Print-

ing House, Old Bond street. The subject was a typical scene feasting and jollity. One thousand copies were printed and one of the few ourvivors sold a few years since for £50 According to some authorities Mr. Debson was really the first in the field. From the Westminster Gazette.

Minard's Liniment Cures Diphtheria.

### JOURNALISM.



And many other prizes according to the Simple ( ditions of the Contact (which will be sent). This is a chance for elever personate wise Gash and other Primes with a little. Count the Xa and Tales the Busane, and write the number of each that ye t easily on a piece of paper or post card and mail to us, and we will write you, talling you all about it. You may win a valuable prime. Try at case. SPEARMINT GUM & PREMIUM CO., Mantreel, P.Q. Bopl. 504

# PROFITABLE POWER BONDS

Many of Canada's shrewdest and hest informed investors have bought Western Canada Power Co. Bonda. At their present price of 90 they pay over 5 MR. The plant is located 35 miles from the growing cities of Vancouver and New Westminster, R.C. and has secured perpetual water rights from government. Can develop 100,000 H.P. as demand increases and should earn this year three Can develop 100,000 H.P. as demand increases and should earn this year three times bond interest. Engineer in charge, R. F. Hayward successfully constructed Mexican Light Heat & Power Co. In addition to high rate of interest bouch should appreciate considerably in next year. Directorate includes Sir Male Aitken; C. H. Cahan; A. R. Doble, Secretary Bank of Montreal; Jno. Hendry; Wm. McNeill, Vancouver; Mr. Campbell Sweeney, Manager Bank of Montreal Vancouver. This is an exceptional investment opportunity from standpoint of both accurity and interest. Write us for full particulars.

ROYAL SECURITIES CORPORATION LIMITED

Hea

A Barnes, ex - Sheriff of Warren County. Tenhessee, a letter from Mo-Miss wille Ten nearce. wilten bed P. throat trouble ... ...

three doctoss treating me All failed to do me any good and P renounced my health gone Icon- Mr. cluded to try Peruna, and the can say I wa Unable

Mr. Gustav Hir Temas writes: For a number rhenever I took tacks of asthma. to the common ho Last year, hor eight months wit that I could not The various medi scribed brought m "After taking si two of Lacupla at am free of my tro all my farm work the recommend th ereffue odw eno complaint and be obtain good result



Luke 2: 40-52. Commentary .-- I. 10). 40. The chil here referred to is ment at Nazareth Jerusalem when Je of age. He grew ther healthy boys He grew strong in a human body an union with his divi was a growth of h as a boy physically was characterized of wisdom, and the as the years passed was upon him. He of God. He was b It is idle to discu to wether or not he A his life, conscio The gospel narrative point. We are give perfect in human n ing into youth and esint of on or of sin struct perfect grow given to understan was divine as well M. Attending the (21. 41. Wen. .. ev over was one of the Pasts which all Only the sick, the desi and the lunation

through a whole w mest joyful charac the departure of

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