

FOREST CITY BUSINESS COLLEGE, A. Building, London, Ont W. Westervelt, Principal.

*and and and an analysis and and a* Don't Imagine Set of Teeth for \$6 that my

> F. N. Harvey, Dentist, 204 Dundas St.

REGINAL CONTRACTOR CON

# Are You Building?

Don't neglect to ask us for estimates for wiring your house. We are dealers in everything Electric.

The Electrical Construction Co. of London, Limited, 32 to 40 Dundas Street.

Order the Spring Suit Now.

We are just as sure of our ability to please you as we are of our ability to do the finest tailoring.

Those snappy styles for which we are famous never fail to elicit lots of praise. Fabrics here to suit every degree of ground taste.

### O. LABELLE, 372 RICHMOND STREET.



OUR SPECIAL HEXAGONAL SPLIT BAMBOO BASS RODS \$1.50

Made exclusively to our order. Three pieces and extra tip. Made of Calcutta Bamboo. Full nickel-plated mountings; solid metal reel plate; silk-wound upright spiral guides, and silk-wound at intervals; cork grip; finely varnished; reel below hand. Put up in grooved wood form and cloth bag. This rod is made 10½ feet long; weight, 10½ ounces. Sent by express on receipt of price.

Brock's Gun Store, 102 Dundas St., London, Ont.

Account the second second second SMITH & SON, Undertakers and Empalmers Calls promptly attended to day or night. Residence on the premises 113 Dundas St. Phone 586.

JOHN T. STEPHENSON. The Leading Undertaker, 104 Dundas St. Phone 459.

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NO TERMINATION AND A COMMISSION AND ADDRESS OF MARSHALL BROS. & CO IMPORTERS TEAS, COFFEES and SPECIALTIES

at Retail Prices. 67 DUNDAS ST. R. K. COWAN.

BARRISTER, SOLICITOR, ETC., County Blogs., next Court House, London P. McPHILLIPS, BARRISTER.

Office and Residence 335 King St.

GAIRBAIRN. THE TAILOR, Richmond Street, Opposite City Hali

STATE OF THE PROPERTY OF THE PARTY OF THE PA J. Ferguson & Sons UNDERTAKERS 180 Iling St. Reasonable Charges: Personal At-Equipment; Open All the Year Around. JOHN FERGUSON, - Manager.

THE RESERVE OF THE PARTY OF THE H.C.M.BRIDE Architect and Surveyor, 213 Dundas St.

It is announced that the new Alexandropol-Erivan Railway, Russia, will be completed about midsummer. THE DEMON DYSPEPSIA .- In olden times it was a popular belief that demons moved invisibly through the ambient air, seeking to enter into men and trouair, seeking to enter into men and trouble them. At the present time the demon dyspepsia is at large in the same way, seeking habitation in those who by careless or unwise living invite him. And once he enters a man it is difficult to dislodge him. He that finds himself so possessed should know that a valiant friend to do battle for him with the unseen foe is Parmelee's Vegetable Pills, which are ever ready for the trial.



PLAY BALL. Are you ready? If you haven't got a complete outfit we are prepared to supply you. Have the finest stock of BASEBALL GOODS

in the city, and defy competition on prices. Special attention is directed to the quality of the goods we offer. All are thoroughly well made, of excellent material, and will stand the test. Special

GURD'S, 185 Dundas Street.

# **Ever So Many**

Southcott's, 361 Richmond Street.

ABSOLUTE CERTAINTY

In the matter of Prescription Compounding is ESSENTIALLY NECESSERY. We measure every ingredient TO A HAIR'S BREADTH, and only put in what the prescription calls for. The dispensing of prescriptions is the selentific branch of the drug business. It requires EXPERIENCE, KNOWLEDGE, SKILL and the utmost exactness. We take special pride in our Dispensing Department, and we give to it the most scrupulous attention. If you wish to reap the full benefit of your physician's treatment take your prescriptions to that Pharmacy where ABSOLUTE CERTAINTY is the motto. THE LONDON PHARMACY, A. POWELL, Pharmacist.

BEEF NOT NECESSARY

### Johnston Bros.' XXX Bread

IS A NOURISHING DIET AND NECESSARY TO SICK AND WELL. PHONE 818.

... 5c A LOAF ...

Merchant Tailor, 213 Dundas St. Phone 596.

> **NEW SPRING** STOCK COMPLETE.

# Silverware

That Wears Well.

Besides our extensive line of Sterling Silver, we have more expensive goods in reliable Silver Plate, the kind of goods that lasts for a quarter of a century.

# THOS. GILLEAN

402 Richmond Street.

Official issuer of marriage licenses DR. R. D. JARVIS, Dentist,

Office, Duffield Block, corner Dundas and Clarence.



# A LOCAL BUDGET.

-Mr. Edward Lockyer will return home from Chicago this week. -Mrs. James Switchell, Clinton and

Maitland street. -Ex-Fireman Sam Notley left yesterday for Clinton, where he will visit friends before proceeding to England. -Mr. Will Weld has returned to his home in London after passing his graduating examinations at Wood-

stock College. -Dr. Fred McCrimmon, of Butte, Montana, is in the city, en route to New York. Dr. McCrimmon is one of London's old boys.

-Mr. Norman Drake, of Windsor, grandson of the late Rev. F. Cooper, of this city, has returned to his home from New Mexico owing to illness. -Mr. Alf. E. Cox, of Detroit, and Mrs. Jos. E. Weber, of Hamilton, and painful filmess. Mrs. Brown had have returned home after att mding the funeral of their sister, Miss Mina two operations, but to no purpose. She cepted, and that the city engineer be

-The pupils of Talbot street school were given a half-holiday yesterday afternoon to attend the funeral of little Walter Campbell, who died from the effects of a street car accident. -Mr. Finlay McCrimmon and bride, of Cleveland, Ohio, who have been spending their honeymoon with Mr McCrimmon's parents and relatives in this city, have returned to Cleveland. -Wm. Salisbury, arrested here on

BIG ASSORTMENT FOR BOYS.

For 25c, 35c and 50c.

For 50c, 75c and \$1.00.

ALL NEW GOODS.

GRAHAM BROS

# build up that weak consti-tution than by drinking Hamilton's

You Need

Strength...

London Porter?

What better way can you

KENT BREWERY, Jas. Hamilton

It's a Shame Not to See. It's a shame for parents to neglect their own eyesight, but a greater to neglect the sight of their children, who cannot be other than handicapped with defective vision. Our optician makes no charge for examination, and if there's any chance at all to remedy the defect he will tell you

WARD, Optician and Jeweler, 874 Richmond street.

before Judge Houston in the county court at Chatham, on the charge of committing rape at Northwood. He pleaded not guilty and elected to be tried by Jury. He will be tried before Judge Bell at the general sessions

shortly. -The following officers have been elected to office in Lucan Lodge, No. 70, I. O. O. F., for the ensuing term: J. P. G., Wm. Tier; N. G., C. W. Hawk-shaw; V. G., Eslie Carter; R. S., W. McDiarmid; F. S., W. E. Stanley; treasurer, Dr. Hossack; grand lodge repre-

-Wm. Snowden, of East London, has been committed to jail for ten days for disobeying a summons issued in the first division court in the suit brought against him by Mrs. Pugh, against Snowden was \$55 43, but this has been swelled to \$72.

—The Sunday school of Chalmers Presbyterian Church held its first flower service on Sunday. Rev. Chos. J. S. Bethune delivered a very interesting address on flowers, which was listened to with pleasure by the large number of scholars present, after which each scholar was presented with a potted plant to care for during the summer. The plants are to be returned in September, when they are to be sold at a flower social, the proceeds to be devoted to foreign mis-

CUSTOMS RETURNS.

The customs revenue for May, 1902, were \$56,726 03, and for May, 1901, \$51,-551 48, an increase of \$5,174 55.

GOES TO EDMONTON. aminations at Osgoode Hall, leaves to-day for Edmonton, Alberta, where he will practice his profession. Mr. Seaborn, born is the son of Rev. W. M. Seaborn, of Quebec street.

A PRESENTATION.

Saturday last the employes of Reid Bros. & Co. assembled and presented of honor unstained by any act that a very handsome grip and address, as he is leaving Lonus to take a position in Clayeland. don to take a position in Cleveland, tions. aken by surprise, made a feeling acknowledgment.

FUNERAL OF JAS. O'BRIEN.

The funeral of Mr. James O'Brien, a former member of the Royal Canadian Regiment, of St. Johns, P.Q., took place yesterday morning Services were held at St. Mary's Church, corner of Lyle street, Rev. Father McKeown officiating. The interment took place at St. Peter's Cemetery. The pallbearers were six members of No. 6 Company, R. C. R. Mr. Traher play-ed the Dead March in Saul as the cortege was leaving the funeral

LAID CORNER STONES.

The corner stones of the new Methodist Church at Birr were laid yesterday afternoon in the presence of a large gathering of people from London township. One stone was laid by Mayor Beck and the other by Mrs. R. G. Fisher and Miss Shaw-Wood. In- Port Stanley Railway tracks and Adeteresting addresses were delivered by laide street, Rev. R. D. Hamilton and Rev. A. K. three acres. Birks, of London, and Rev. T. C. Sanderson, pastor of the Birr Church. Refreshments were served and the occasion made an altogether pleasant and

A CHILD CONTRALTO.

A special feature of the musical services at the First Methodist Church Adelaide street and of William street daughters are visiting W. J. Mulloy, on Sunday was the singing of Miss Blanche Peeple, of Brantford. Little Miss Peeple, who is only 11 years of pression. Miss Peeple is a pupil of Mr. A. D. Jordan, organist of the company's property. of the choir for some months.

DEATH OF MRS. S. J. T. BROWN. o'clock Sunday afternoon, after a long two operations, but to no purpose. She had been an inmate of St. Joseph's Hospital for several weeks, and received the best attention. Deceased was married to Mr. Brown at Barrie in 1887, and the body will be taken to that town this afternoon for interment in the family plot. Two sons, Wilford and Norman, survive. Mrs. Brown's mother, Mrs. Wilkinson, of Barrie, and her two brothers, A. W. Wilkinson, of Barrie, and Geo. H. Wilkinson, of St. Catharines, were at her bedside previous to her death. Much sympathy will be extended to Mr. Brown, who is the assistant Ontario superintendent of the Rell Telephone Company in this section, in the great loss which has be-

The total number of farms in Alabama is given at 223,220, of which 129,-137 are operated by white farmers and

94.083 by colored farmers. Sweden's last census records the low-MEN'S FINE AND STYLISH SHAPES est death rate yet attained by a civilized nation. During the last ten years it

only averaged 16.49 per 1,000. Washington hotels are said to be the only ones in this country that serve four regular meals every 24 hours— breakfast, luncheon, dinner and sup-per—the latter being served in some cases as late as midnight.

The Parnell-Dean Co.

LONDON'S SANITARY BAKERY. Two-thirds of the public say so by their daily patronage

# Have our wagon call.

Guelph Concern Will Remove to This City.

**OUESTION OF SEWER RENTALS** 

Remains Unsettled Fireman Stinson Appointed to the Permanent Force.

Citizens who may have expected that the mayor would have arranged at the meeting of the city council last night for an adequate celebration in this city of the termination of the war in which Londoners have been so sigsentative, W. J. Braunton; district nally interested, were disappointed, delegate, H. Gibson. as the mayor's initiative extended no farther than to the reading of an address by his worship himself. The committee, which would mean delving council made no provision for any observance of this long-awaited event, council for. who keeps a grocery store in the east one did the members even respond to end. The amount of the judgment Ald. Cooper's faintly expressed call for three cheers for the British arms. The reception of the mayor's references to the declaration of peace was as matter-of-fact as if he were speaking of and Wellington streets and on Simcoe follows, will be printed in the min-

> for so many months has been waged presented against the proposal thus to between Great Britain and the so- relieve them, the argument that it called Boer republics in South Africa, would be a very bad precedent, and has terminated by the enemy laying

down his arms. "This is an event of such vast importance in the history of the empire standing regarding the number of and of the world that I have thought payments upon these sewers still due, it both fitting and expedient, for pur- and suggested that it be again referred poses of reference, that mention should It is not necessary that I should say ed by Ald. Greenlees, who regarded the more, but you will permit me. I am proposed settlement as "a most vici-Mr. Walter E. Seaborn, of this city, other loyal citizens in the expression who now favor it would greatly regret who graduated at the recent law ex- of profound gratitude to Him who con- ever having set up." They said that

that this mighty war has closed with into consideration the citizens as

Ohio. The address was ably read by

"Let us hope that the day is far disamendment was moved to grant the ratepayers' a rebate of two years.

Both motion and amendment were lost repel the agression of her neighbors on tie votes. The mayor would not or for any other purpose than the vote. In this way the proposal was maintenance of peace among the na- thrown cut. tions of the earth."

### White's Rolling Mills.

The mayor had another address to read. It referred to the new industry that is to be brought here from Guelph by John White & Co., and was as fol-

"Gentlemen of the Council-I am pleased to be in a position to inform you that the negotiations for some time in progress between the Guelph Iron and Steel Company of Guelph, Ont., and Ald. Winnett and myself on behalf of the city, having in view the location of the works of the said company in this city, have resulted in the following basis of agreement:

"1. The company to locate and tablish their works on the land lying to the north and south of Trafalgar street and between the London and laide street, comprising in all about but as now constituted will, its pro-

"2. The council to exempt the company, as the law may permit, from taxation upon the assessed value of their said property over and above the present assessed value of same, and provide for the legal closing of Trafalgar street for the purposes of the company between the said the London and Port Stanley Railway tracks and between the northern boundary of the company's land, south of Philip street, and the River Thames.

"3. The tracks, if any, laid to the age, has a contratto voice of rare sweetness and power, which she uses with excellent judgment and fine exfor that purpose may be laid through

"These proposals are now submitted for your consideration. The establishment here of so large and important an industry is a matter, in my opin-

### THREE DAYS! Then Postum Saved Him

It makes rather solid friends of people when they discover a liquid food that will save life in extereme cases

of need. Speaking of Postum Food Coffee, a Coffee entirely in place of the ordinary coffee or tea.

"I used to have stomach trouble and every time I drank a cup of ordinary coffee suffered the greatest distress. My troubles left when I left off coffee and began using Postum.

with gastric typhoid fever. His stomach would retain nothing; we tried milk and various other drinks. Everyup in less than three minutes. come up in less than three minutes.

After the third day of this kind of upon.

The council reconsidered the bylaw are closed at 7 else to speak of. You can depend upon it that Postum gained some good friends, for husband would have died Ecuador has a record in volcanoes— if it had not been for the nourishment three active, five dormant and twelve afforded by Postum Coffee." Name extinct. Eleven of these peaks have given by Postum Co., Battle Creek, never been climbed.

PERFECTION BREAD! instructed to prepare a bylaw to make this agreement operative.

Mr. White asked the council that the agreement be completed as soon as an electric light at the corne. of Edossible, as he wished to get to work.

He said that the company expected to spend probably \$80,000 a year in wages and would employ probably 60 to 75 men in each of two shifts. In reply to questions asked him, he said that a large portion of the mills would be new steel buildings, and that perhaps per cent of the workmen would be skilled laborers

In order to facilitate matters the council agreed to hold a special meeting if necessary to pass the bylaw, and that in the meantime the assessmen of the land purchased by Mr. White for the new industry be fixed at \$5,-

### Election Expenses.

Returning Officer Dignan submitted the bill of expense for the polling places used in the recent elections. It amounted to \$180-\$5 each. Mr. R. K. Cowan also submitted a bill for the use of registering booths. The city clerk suggested that these be referred to the city treasurer and city solicitor with power, as there was no doubt of the correctness of the accounts, as they were fixed by statute. Ald. Douglass and Ald. Cooper wanted it first sent to No. 1 committee, and the council decided that it be sent to No. 1 with power, in order that no unnecessary delay be caused. Before this was done, however, Ald. Cooper made a long speech in which he protested against paying these accounts until they were absolutely sure that no mistakes had been made. He switched back to preelection times and protested against the change in the council's list which the returning officer had made. In reply, Ald. Greenlees said that Ald. Cooper wished to throw the duty of settling legal difficulties upon No. 1 which he for one did not come to the

### Horton Street Sewer.

The matter of relieving ratepayers on Horton street between Colborne cement walk or a bit of graveling. street between Wellington and Wat-The mayor's address, which was as erloo street, from any future payments for the sewers that were constructed years ago, was again before the coun-"Gentlemen of the Council—It has cil. The public are well acquainted been proclaimed that the war which with this question. Ald. McMechan would "open a very wide door to all kinds of trouble." He said that he understood that there was a misunderstanding regarding the number of to the city auditor for a still more debe made of it in our municipal records. tailed report. In this he was support-"I am confident you will rejoice with and Ald. Greenlees were ready to do me also in the knowledge of the fact what was just to all, but they took our country's name unsullied, her whole, as well as the individuals fame enhanced and her high standard specially interested. Ald Beattie doubtto learn the city solicitor's opinion. An

Sifton Electric Situation. Ald. Greenlees moved for a reconsideration of Mr. J. R. Shuttleworth's application to connect his establishment with the wires of the Sifton Electric Company, but his motion was lost. Ald. Jolly then gave notice of motion to have the wires of the Sifton company which now connect with the McClary company, removed, as they were strung without the consent of the

### city council.

Plumbing Bylaw Passes. Several bylaws for public works were passed, and the council passed also Ald. Campbell's bylaw for the sanitary construction of homes. This is the well-known "Plumbing Bylaw," amended somewhat, so as to meet certain objections to it. The bylaw does not require that an inspector be appointed. moter believes, be advantageous to all

### parties concerned.

Permanent Culverts. Ald. Cooper told the council that all the culverts in the city were in an unsatisfactory state of repair and suggested that debentures be issued to pay for the expense of constructing permanent ones. Ald. McMechan thought that it was useless to entertain such a proposal. If it were feasible at all the same plan of procuring other public works could be followed. to the great delight of citizens who were anxious to get them, and let posterity pay for them. The suggestion was referred to No. 2 committee to confer with the city solicitor as to its legality.

Bell-Ringing for Fires. Ald. Cooper moved that in future Many Londoners will hear with deep ion, of very great interest to the comthe city hall bell be rung for fires. He
regret of the death of Mrs. S. J. T. munity, and I therefore trust you will said that there were cases in which the city hall bell be rung for fires. He Brown, of this city, which occurred at take such action on same at this ses- if the bell were wrung men would the residence, Dufferin avenue, at 2 sion as may be deemed expedient gather and assist the firemen who at and necessary." Ald. Winnett moved, seconded by adequately fight a fire. Ald. Stevely agreed with Ald. Cooper. He believed been ill since last fall, and underwent ment as shown by the address be ac- that it would be good to have the bell rung, and the council left it in the hands of No. 2 committee. On motion of Ald. Jolly, the chief of

### police will be instructed to carry out the law respecting the use of fireworks on the city streets.

Bill Posters' Fees. A discussion arose upon a clause in No. 3 committee's report which suglady in Toledo, O., says: "For over gested that bill posters be taxed \$25 a five years now I have used Postum year. Ald. Greenlees asked if there was money enough in the bill posting business to warrant the imposition of such a license fee. He believed that it should not be forced upon the bill posters unless they had shown in some way that they should be taxed. Ald. Winnett pressed the motion upon the ground that the bill posters had was when my husband was down privileges in the matter of using the street corners for advertising, that justified the passing of the bylaw. It was finally given its first reading, but thing we put into his stomach would it will be impossible to insert any fee

Postum Coffee. He drank it and rel-ished it and retained it, and for four o'clock and dealt with Ald. Douglass' weeks he lived on Postum and nothing motion to change the time for closing these establishments on Saturday night to 11 o'clock. No action was

ward and Elmwood avenue.

The Salvation Army was granted permission to hold services in the park during the summer. Mr. Geo. Stinson was appointed to the fire staff, in place of Fireman

Samuel Notley, resigned.

Pain and Suffering Almost Be-yond the Power of Words to Describe.

Terrible Tortures of Lumpago-For Over Three Years Mr. Lapierre Suffered Untold Agony and Could Get No Relief.

Brompton Falls, Quebec, June 2 .-Mr. J. A. Lapierre, of this place, says:
"Three years ago I contracted the Lumbago. For three months I suffered horribly; the doctor failed to give me any relief. "During the Summer and Autumn

the disease became much worse, and for over two years I suffered greatly at different intervals. "When the pain was at its worst it is impossible for me to describe in

words the agony I endured.
"After I had made up my mind that the doctor could do nothing for me, I resolved to take a treatment of Dodd's Kidney Pills. "After using the first box, I could see that my strength revived little by

little, and that the pain was gradually leaving me. "After I had used four boxes, I had very little of the pain left, but as I was very much afraid that it would come back on me, I kept on until I had

used in all seven boxes. "Then I felt quite sure that my cure was a permanent one. "Since that time I have not felt any pain whatever, nor have I noticed any sign of a return of the Lumbago. "I cannot say too much for Dodd's Kidney Pills, and I am very thankful that chance permitted me to hear of

"I don't know if Dodd's Kidney Pills will cure anything else, but I am sure they will cure Lumbago, for they completely cured me, and there could not be anyone suffering more than I did."

# GULF STREAM IS A MYTH

Modern Science Says It Has No Effect on Climate.

Western Europe Not Affected By Its Proximity-Real Cause Atmospheric Changes.

One after another, like mists before the sun, the teachings of childhood and youth are dissipated in the brighter light of modern scientific investigation. All who are adults today were taught what Harvey Maitland Watts calls "the Gulf Stream Myth," which was fathered by Maury and is still accounted as fact in the physical geographies of the day.

Mr. Watts, in the June number of Scribner's Magazine, says that the belief that the Gulf Stream is the sole lief that the Gulf Stream is the sole lief that the Gulf Stream is the sole cause of the mild oceanic climate of Western Europe is still taught in the public schools of England and America, though it is absolutely without foundation whatever. "Modern meteorology knows that the Gulf Stream as an oceanic current has no more effect on the climate of Western Europe than a oceanic current has no more effect on the climate of Western Europe than a veather vane has on the winds that turn it." That the belief is still held is "a tribute to its attractive statement by one man and the hypnotic influence of one book," exerted in a transition period in the development of an inexact science, faith, overborne by modern scientific for the southwest winds of Europe is due to the moistures in those latitudes.

"The watrenth of the Southwest winds of Europe is due to the moisture they contain, which gives off its latent heat when it becomes cloud and rain. The warmed by the sum, and would do the same were there no Gulf Stream. "The effect of the transfer of warm water to the sole and warmth of the Southwest winds when the southwest winds to be compared with the transfer of moisture, contain, which gives off its latent head when the southwest we have up this moisture and when the ocean when the latter is warmed by the sum, and would do the same were there no Gulf Stream is inappreciable as compared with the transfer of moistures. "The effect of the transfer of warm of the Surface of the ocean when the latter is same were there no Gulf Stream is the sole sum of the ocean when the l Mr. Watts, in the June humber of Scribner's Magazine, says that the belief that the Gulf Stream is the sole cause of the mild oceanic climate of Western Europe is still taught in the public schools of England and America, though it is absolutely without foundation whatever. "Modern meteorology knows that the Gulf Stream as an oceanic current has no more effect on the climate of Western Europe than a weather vane has on the winds that turn it." That the belief is still held is "a tribute to its attractive statement by one man and the hypnotic influence of one book," exerted in a transition period in the development of an inexact science. "The essential facts are," continues Mr. Watts, "that the Gulf Stream as an oceanic current ceases to exist, that is, oceanic current ceases to exist, that is, to differ in act and temperature of the ocean east of the longitude of Cape Race, Newfoundland. It cannot, therefore, Newfoundland. It cannot, therefore, convey, does not convey, warm water to the shores of Western Europe, there to modify the climate and give the British Isles the breezes of the "unvexed Bermudas," and Sweden and Norway the warmth of the Carolinas.

CHANGES.

"Climatic causation is not a function of ocean currents, but of aerial currents, and the mild oceanic climate of Western Europe is due to the distribution by the permanent aerial circulation in the whole Atlantic basin of the moderating, mitigating effects of the ocean as a whole. This permanent circulation takes the form of a great cyclone in high latitudes and of an enormous anti-cyclonic eddy in mid-latitudes, and to the mid-Atlantic anti-cyclone the credit that has been held by the Gulf Stream these many years must be transferred. For, were this aerial eddy to continue as it is now, and the general atmospheric drift from west to east in the northern hemisphere to remain the same, the complete disappearance of the Gulf Stream and all the oceanic currents in the Atlantic would be without the slightest effect on the weather and climate of Europe. Any shifting of the anti-cyclone, however, and this means the consequent interaction with the permanent cyclone that deter-

THE REAL CAUSES OF CLIMATIC

CHANGES.

mines the circulation in the Atlantic north of the latitude of Cape Race-produces a decided change in the weather and a variation of cilmatic effects. And yet here again the myth obtrudes, and the phenomena are glibly attributed to the shifting of the Guir Stream, which very shifting itself is due on most occasions to the action of the wind currents of the anti-cyclone."

BEN FRANKLINS DISCOVERY

rents of the anti-cyclone."

BEN FRANKLIN'S DISCOVERY.

Mr. Watts thinks it is high time "the warming pan, hot water bottle theory" of Maury should be given its quietus, and tells us that for a clearer view we must for only give up the Guir Stream for the anti-cyclone, but "looking past Maury, hark back to Dr. Benjamin Franklin to get the true perspective of the development of the Guir Stream theory and his domination in the imagination of civilized people." It was Franklin who, returning from a truitless mission to England in behalf of the colonnes (in April, 1779), interested himself in taking the temperature of the air and of the water of the ocean. These were the historic temperature records which first demonstrated that the thermometer allorded the shipmaster a certain method of determining one's approach to the Guif Stream, and consequently the longitude, which was often more guessed at than accurately known in those days. It was Franklin who, in 1770, had the first chart of the Guif Stream engraved for the benefit of navigators, and one can fancy the joy of the physicist overcoming the chagrin of the statesman when he lound his records sustaining his contention "that navigation could make the Guif Stream its handmadden by sailing with its current going east and avoiding it coming west, and that, this side of Newfoundand, the thermometer could tell him where he was, so that he could govern himself accordingly."

On landing in America Franklin found BEN FRANKLIN'S DISCOVERY.

him where he was, so that he could govern himself accordingly."

On landing in America Franklin found the colonies in revolt, the battle of Lexington having just been fought. He suppressed his navigation charts, that they might not aid the enemy, and did not take up his investigations again until the revolution was a thing accomplished. Not until after his death in 1790 did navigators generally adopt his plans, with the result that voyages were made in half the time they were before shipin half the time they were before ship-masters stupidly struggled against the

Gulf Stream.
Mr. Watts tells us that Franklin laid Mr. Watts tells us that Frankin land it down that the permanent winds of the "trades" were the initial cause of the Gulf Stream. "Though wrong in part, he was correct in this, that the permanent aerial circulation of the North Atlantic is an important factor in determining the aqueous surface drift; and if future investigators had followed his mining the aqueous surface drift; and if future investigators had followed his lead, science would not at the beginning of the twentieth century still stand helpless before the almost universal acceptance of an erroneous theory developed half a century later."

MALPY'S THEORY

LIEUT. MAURY'S THEORY. LIEUT. MAURY'S THEORY.

Lieut. M. F. Maury, one of the most glitted sclentific writers America has ever produced, "gave the Gulf Stream its apotheosis" in his "Physical Geography of the Sea," published in 1855. "By the force of his rhetoric and the simplicity of his analogies he drove home and fixed his views to such an extent that popular imagination was fired to actual conviction." Maury set his face against the Franklin idea that the trade winds were in any sense the cause of the Gulf Stream, and referred to it as a "let of warm water more than three thousand times greater in volume than the Mississippi Riyer, sent entirely across the At-

warm water more than three thousaid times greater in volume than the Mississippi kiver, sent entirely across the Atlantic Ocean," and ascribed to it the ameliorating influence upon the climate of Western Europe. Other geographers accepted his views and thus "the Gulf Stream myth" was carried into all quarters of the globe.

The real truth, as determined by the modern science of meteorology, is that "the circulation of air in the northeastern part of the Atlantic determines the climate of Western Europe by distributing the moisture and warmth of the ocean as a whole, and not that of the Gulf Stream, since there is no apparent Gulf Stream in those latitudes.

"The warmth of the southwest winds of Europe is due to the moisture they contain, which gives off its latent heat when it becomes cloud and rain. The

thus, farewell another cherished overborne by modern scientific

# A Toronto Gentleman's Happy Experience.

Banishes His Indigestion and Makes Him Feel Twenty

Years Younger. Malt Breakfast Food, predigested, lelicious, appetizing and strengthening, is restoring digestive vigor, happiness and contentment to thousands who suffer from indigestion and dyspepsia. Mr. L. T. Brownlee, of Toronto, says: "I have used Malt Breakfast Food for three months at breakfast and supper. This splendid food has completely banished my long-standing indigestion and made me feel twenty years younger. My appetite and general health have been renewed by Malt

## DAILY PICTURE PUZZLE.

Breakfast Food."



WELLE IS THE HIGHWAYMAN SOLUTION OF YESTERDAY'S PUZZLE-With the upper part of the picture as base, the gardener may be found in the lower right-hand part,

that the council may hereafter decide

taken, however. The ratepayers on York street between Richmond and Talbut streets petitioned against the proposed bituminous macadam pavement on York formed in vines.

# "The most severe test I know of