London's Position and the Experience of Other Places.

Important Letter From Engineer Horetzky on the Proposed Change.

Land Filtration the Most Satisfactory and the Least Expensive.

The Experience of a Wisconsin City

Set Forth.

To the Editor of The Advertiser: In your issue of the 26th inst, reference is made to the system known as the International Process of Sewage Disposal, as now proposed for your city by the company's agent, Mr. John Mc-Dougall, of Montreal. In view of the single process, and satisfactory. The arguments set forth by the latter, it land treatment plants, on the whole

tario. I also superintended the con-struction of the first land disposal works in Ontario, i.e., that of the Provincial Asylum of London, designed by with Worcester effluent. Col. Waring, but since improved in some matters of detail by myself, and we intend to filter, press into hard now worked with the greatest skill by cakes, and use it in filling up low-

Before reporting to your board in zone is the precipitating agent, is not by any means all that is claimed for it in the stereotyped prospectus of company. Ferozone has been discarded at the Kingston Hospital for the Insane (the sewage disposal works of which institution were designed and built by myself three years ago), and replaced by a cheaper and better precipitating agent.

The sole redeeming feature of the International Process lies in the polar-Ite filters, which are, however, expensive and suitable only for use in the small way where land filtration is out

C. G. HORETZKY. Toronto, May 30, 1898.

To the Editor of The Advertiser: ments which, unexplained, would be misleading to a majority of laymen. Having given this subject a great deal of attention as member of the com-mon council of this city and also in the office of mayor, and, as our corporation has passed through a phase similar to the one which you are in at the present time, I wish to give

you a few brief remarks from my own experience and observation. The subject of disposal has been under consideration here ever since the general plan of sewerage was adopted, thirteen years ago, and more particularly during the past four years, during which time we have had plans and advice from a number of the foremost engineers in the country. Some were in favor of land treatment, but the majority were in favor of chemical treatment. No conclusion was, however, arrived at, until a special committee of the common council was appointed, with instructions to bring the matter to a close. The committee employed the city engineer, McC. Dodge, and Capt. J. Nader, an experienced civil engineer, to jointly produce a plan and report to the commit tee as soon as practicable. They reported a plan combining chemical precipitation with sand filtration. Their principal reason for this was

WEAK, NERVOUS WOMEN

Suffering from palpitation of the heart, dizzy or faint spelis, watery blood, etc., can be readily cured.

A Manitoba Lady Tells About Her Case.

There is no need whatever for so many women to be the subject of faint spells, heart and nerve weakness, anaemia, or any of those health destroying ailments peculiar to her sex. Mil-burn's Heart and Nerve Pills regulate the heart beat and make it strong and full, tone the nerves, enrich the blood, and relieve the pain and weakness from which so many women



Mrs. Alexander Setter, of Pigeon Bluff, Man., writes an account of her case as follows: "I have great pleasure in giving my experi-ence of Milburn's Heart and Nerve Pills. For about s I was troubled with throbbing tering of the heart. I tried five

and several remedies but none of me much good. Lately I heard rn's Heart and Nerve Pills and wo boxes. Before I started using could not do my house work and self up to die, as I thought I would cured. Now I feel really splendid ing the pills, do my work, enjoy s and feel as if there was someife worth living for." m's Heart and Nerve Pills cure on, throbbing, skip beats, dizzy spells, nervousness, sleepless-akness, after effects of grippe, oubles, etc. Sold by druggists or nail on receipt of price, 50c. a box boxes for \$1.25. T. Milburn &

onto, Ont. ver Pills cure Billousness, Sick Pill Perfect. Price 25¢

the absence of suitable soil within a easonable distance from the city. The special committee reported the plan to the common council unaninously, and recommended its adopion and construction as designed. I accompanied a special committee on a tour east to examine works in pperation for comparison with the plans we had adopted. Among these was the plant at East Orange, N. J. Here, it appears, that owing to leaky ewers, they had to treat more ground water than sewage; every other department, as well as that of sewers, was run under high pressure, so that the cost of operation exceeded the interest on the cost of a sewer to tide water, and on this account the tide water sewer was built, and the disposal plant abandoned. At Worcester, Mass., provision had been made for the treatment of 3,000,000 gallons daily; this had run up so, that at the time of our visit they were treating 17,000,000 daily, which overtaxed the plant. This is now being proportionately increased, and it is the intention to add sand filters and make the plant complete. Canton, Ohio, has chemical precipitation only, and the effluent flows into a very small stream,

seems opportune for me to adduce same did not strike us nearly as favorably facts, which for brevity's cake, were as the chemical process alone.

As to the percentage of purification by chemicals at certain cost, this Some years ago I was the first ac-is no criterion, as it all depends upon credited agent of the International the quality of the sewage. For in-Company in Canada, and I was the stance, a 60 per cent purification of first to introduce the system in some Worcester sewage would give an afof the provincial institutions in On- fluent about equal to the Madison crude sewage; while a 60 per cent purification of Madison sewage would

the asylum authorities. Hence, I can lay claim to some experience of the working of both these methods of sew-

non-putressible. 1896, I carefully examined several of the conclusion that our engineers had the best known plants in the United given us a plan of purification which was, to say the least, a little better abroad enables me to state, in reply to zens in favor of land treatment, sim-Mr. McDougall's arguments, that the ply because one eastern expert would advise nothing but that, clamored so forcibly for further investigation of soil that the council ordered the same to be done by disinterested engineers. Capt. Neder, our associate engineer, declined to serve in this connection. The result was that after delaying the work an entire season and expending about \$1,000, the soil could not be found, and our engineers were vindicated in every point.

Now we come to the sudden revolution and change of plans. The council was waiting for a report from the small way where land filtration is out of the question, as stated in my report to your board.

Any biological examination of the filtered effluents from either process will invariably result in favor of land treatment, wherever suitable soil has treatment, wherever suitable soil has to examine and investigate these plans.

The result of the guestion, as stated in my report to your board.

Any biological examination of the apparent advantages, and requesting and indefinite time, to enable them to examine and investigate these plans to examine and investigate these plans and plant the process of the apparent advantages, and requesting and finally settled in my neck. I had an Englishman, who has been her private secretary for some time. He is 10 years older than she.

STR. UNITED EMPIRE

Is intended (weather permitting) to leave walking-stick to ease me in moving about, and two and a half years ago crutch, At this time I used to get up of color, put, for So, Port Ather, Fort William and Diving of Color, put, for So, Port Ather, Fort William and Diving and Pacific Coast of the stick had to make way for a crutch, At this time I used to get up of cleave ways of the stick had to make way for a crutch, At this time I used to get up of cleave ways of the stick had to make way for a crutch, At this time I used to get up of cleave ways of the stick had to make way for a crutch, At this time I used to get up of cleave ways of the stick had to make way for a crutch, At this time I used to get up of cleave ways of the stick had to make way for a crutch, At this time I used to get up of cleave ways of the stick had to make way for a crutch, At this time I used to get up of cleave ways of the stick had to make way for a crutch, At this time I used to get up of cleave ways of the stick had to make way for a crutch was obliged to use a such paint of the council meeting, and finally settled in my neck. I had such paints for the making had been them. They are crutch was obliged to use a such paint of the council meeting, and final engineers on the details of the work, when the agent for the "International of adopting the "Liternational System." They did not expect any better results than from their own, but were certain of obtaining them with less labor and inconvenience, with a more My attention has been called to an equal capacity. The council admired article on sewerage in your issue of their unselfish action and accepted the report and referred the same to the sewer committee, and in one week met and adopted the plans entire, and entered into contract with the company. We do not think we will regret our action. The plant is staked out, and operations begin this week.

to the comparative merits of the land treatment and chemical treatment, I cannot do better than repeat some cent remarks by Capt. Nader. He said: "I was never wedded to any particular plan or system, so that under favorable conditions I would have applied land treatment, but in following up the subject closely, I have cluded to change my mind. I am satisfied that chemical precipitation, supplemented by intermittent filtration, is the only safe, sanitary, scientific and common-sense method of purifying sewage under any and all conditions. You may vary the details, but do not tamper with the principle." Having gone through the ordeal ourselves, I hope the few humble remarks which I have presumed to make may

assist you in coming through as satisfactorily as we have done M. J. HOVEN, Ex-Mayor. Madison, Wis., May 30.

QUESTIONS ANSWERED.

VILLA NOVA .- A stays with B on a will until B can't take care of him-self. Could A take care of him, or could B bring his own help and make A and B are executors under a will, at a speed of ten miles. and that B becomes incapable of acting, in that case A becomes sole acting executor in the respect of the es-

HYDE PARK.—Cows get out of the owner of the cows? Ans.—Not upon the facts stated, as it does not appear new girls." whether the accident was avoidable by ordinary care on the part of the rider. If it was not, then the owner of the by the cow being at large on the high-

ARKONA.-I am a widow. My husband said nothing in his will about the loose property. Will that go to me or the children? I had two executors; ne of them is dead. How many is it necessary for me to have? I rent my farm. I had a sale of stock. They refused to tell me what it came to, nd still do yet. Shouldn't I know? ANS.-The property not disposed of by the will goes after payment of gally sufficient. You are entitled to an had been killed by a hat-pin wound. be lawfully made by or for the execu-

MOTORMAN O'REILLY CASE.

He Was Cared of Diabetes by Dodd's Kidney Pills, Everything Else Failed. in London, it is told how Soyer was Toronto, May 30-(By Telegraph)-

Gossip From Every Land Summarized for Busy Readers.

THE Duke of Atholl takes the palm man. He has 23 titles.

THE Duke of Westminster estimates that his London property, if realized, would be worth more than twelve mil-

THE "elephant beetle" of Venezuela is the largest insect in the world. full-grown one weighs about one-

THE work of constructing a huge raft, which is to contain 4,000,000 feet of lumber, has been begun in Port-

land, Oregon.

and Christmas one less than three PARIS women who wish to run auto-

in Germany. They are said to be not Mrs. Bert Wells hailed us one mornbrittle, to retain their color, and to be lighter than china teeth, and they do

not melt in the mouth. GLOWWORMS are much more brilliant when a storm is coming than at was, but she has been improving so much lately that she has been able teries of nature, this curious circum-

stance has never been explained. experimental station, and the experience thus gained both at home and showed enables me to state in reply to lord mayor of London. In 1879 he proposed it as a toast before the board of education.

> MISS HASTIE, an Australian woman, purposes to explore the Solomon Islands, the home of the flercest canmanent. However, after many puthave been able to penetrate only a few miles inland.

> MR. ORCHARDSON, R.A., has been commissioned to paint a group containing four generations of England's royal have lived in Brooklin for ten years. family—the Queen, the Prince of Five years ago I was taken ill with

who is the greatest living Scotch sci- the next six months I was perfectly entist, and Dr. James McGregor, of helpless and bed-ridden. I could not Edinburgh, who is said to be the greatest living Scottish preacher.

PALEY'S "Evidences of Christianity" remains a requirement for the bachelor's degree at Cambridge University, England. By a recent vote the university congregation refused to do away with it, or to substitute any other try Dr. Williams' Pink Pills. After

part of Lorraine which sed to be them, with the effect that I continu-France. The Chateau of Urville, near now sleep well, have a good appetite, Metz, is his favorite hunting seat. He and have gained in flesh. I can stand also calls it his schoolroom, for his evenow, walk about, and even get in and nings are mostly passed in the study of out of the buggy upon the occasion of

WELL-PRESERVED flowers discovered at Dahsourh, in Egypt, in tombs of the times of the Pharaohs, have just been placed in the Cairo Museum. The commonest of these were the white or blue lotus, the red poppy, the leaves outside the door, and I am satisfied for Toronto, and flowers of the pomegranate, of the had I tried Dr. Williams' Pink Pills saffron and of the crocus.

IN CHINA hens are employed to hatch fish eggs. They are sealed in an egg-shell and placed under the unsuspecting hen for a few days. The contents of the shell are then emptied into a shallow pool, where they can bask in the sunshine until the minnows are

THE latest thing "made in Germany" is a "harmonious bieycle." This er- suffering humanity in the hope that rible invention is constructed to grind out 500 tunes, and has been given the name of "Il Trovatore." The contrivance is fixed to the handle bar, is work-A pay for it? Ans.—If you mean that an hour while the cyclist is pedaling ed by the front wheel, and will play for no distant date.

A COMMENTARY on the present craze for military trappings for the purpose of feminine adornment may be pasture on to the road, and along comes at Chickamauga whose sister wanted a man on a bicycle, and runs into one to make up a box for the boys at the of the cows in broad daylight. Has he front and asked him what she should any right to claim damages from the send. "Dear sister," he wrote, "send

ALL code books carried on warships cow is responsible for damage caused if lost overboard. The letters in the have leaden backs to make them sink book, moreover, are printed with a pe-culiar ink, which fades away when it comes into contact with the water. To make things more safe the letters are changed every few months by the navy department. Even on the warships few officers know their vessel's official signal code.

IT IS usually found that when a hospital ambulance surgeon diagnoses a case as alcoholism the patient has debts one-third to you and two-thirds to the children. One executor is leaccount of the estate from the executor one year after the death of your the hat-pin is the most deadly weapon known, and in the hands of the weakest woman becomes an instrument of death compared to which a dynamite bomb is a health-life.

IN THE LIFE of Wm. Stokes, written by his son, which has just appeared

0000000000000 feets. It might be that there was only so many ounces difference in weight of the brains of man and ape, and similarity in their composition, but while the ape today was the ape of centuries ago, man had created— his brain had been productive—and the ape simply cracked his nuts as his fathers did. What caused the difference? Reputed scientists were dumb.

A Hopeless Invalid

among British peers as a many-titled Such Was the Condition of Miss Rodd, of Brooklin.

> An Editor Relates the Story of Her Illness and How a Remarkable Change in Her Condition Was Brought About.

[From the Gazette, Whitby, Ont.] For some five years the editor of this journal has made weekly visits to Brooklin in search of news. One of his earliest recollections of the village was in noting that Miss Levina Rodd was very ill. Miss Rodd was well-AT TORNEA, Finland, June 21 round, it was natural to ask how she known, and as week after week rolled brings a day nearly 22 hours long, was getting on, and the reply always came that she was no better. Time went on, and it became a settled fact that Miss Rodd was a confirmed inmobile carriages are o'liged to pass an engineering examination. The Duchess d'Uzes has set the example to other fashionable women. valid and that such she would con-Our astonishment can better be ima-PAPER artificial teeth are now made gined than described, therefore, when ing with "Well, editor, we have some news for you today." "What is it?" "Why, Miss Rodd has gone on a visit to Columbus friends." "Why; I thought she was a confirmed invalid?" "So she to help herself a good deal, and it was thought a change of scene would do her good." "That is certainly news," replied the quill-pusher, "good news, too," but what cured her?" "Dr. Williams' Pink Pills," replied Mrs. Wells. We then decided to ask Miss Rodd up-

on her return, for an interview, but it was some time before it took place owing to the limited time at our disposal between trains, and partly owing to a desire to wait and see if the offs, we finally called at the home of Mrs. Doolittle, sister of Miss Rodd's, who has carefully cared for her during the long illness. At the request of the editor, Miss Rodd made the following statement: "I am 50 years of age and even turn my head, or put a cup of tea to my mouth. I got completely discuraged after ineffectually being ont. treated by two physicians and trying the different medicines recommended for my ailment. While I was in this helpless condition my niece came in one day and prevailed upon me to taking two boxes I felt a slight change

my late visit to Columbus. Since that time, too, I feel stronger, and my reason for still using a crutch is on account of my knees being weak and a desire not to overtax my strength. Jubilee day was the first time in 21 months that I was able to put my foot in the first place instead of the other medicines used, I would have been spared much suffering. I am sure I owe my improvement to these pills alone." Mrs. Doolittle, who, as we have previously stated, attended her sister through her trying illness, was equally strong in her tions as to Dr. Williams' Pink Pills and the three of us agreed that it would be only just that this case

should be brought to the notice of it might prove a blessing to more than Miss Rodd, who still continues to improve, and who hopes to again be able to do her full day's work at Dr. Williams' Pink Pills cure by going to the root of the disease. The renew and build up the blood, and strengthen the nerves, thus driving disease from the system. Avoid imitations by insisting that every box you purchase is inclosed in a wrapping

bearing the full trade mark, "Dr. Williams' Pink Pills for Pale People." How to Cure All Skin Diseases. Simply apply Swayne's Ointment. No internal medicine required. Cures tetter, eczema, itch, all eruptions on the face, nands, nose, etc., leaving the skin clear, whice and healthy. Its great healing and curative powers are possessed by no other remedy. your druggist for Swayne's Ointment. Lyman, Sons & Co., Montreal, wholesale agents. Avoid substitutes.

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> Bridge and via Toronto for Brockville and A NEW TRAIN, with parlor car attached, will leave London for Detroit and intermediate points daily at 11:40 a.m. THE NEW YORK EXPRESS, with sleeping car for Montreal, through coach and sleeping car for New York, via the Lehigh Valley road, and through coach and parlor car for Toronto, will leave London daily at 4:45

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