TO PURIFY SEWAGE. A SCIENTIFIC METHOD OF TREATING

It might be expected that so small a filter would soon become choked, and that a nuisance would be created. But Dr. Houston states that the reverse of this happens, the effluent up to a certain point actually improving in quality as time goes on, and the whole process continuing to work satisfactorily and uninterruptedly for months together. Hence it is argued that, inasmuch as the solid matters disappear, the process must be something more than one of mere mechanical filtration. The explanation is given by attributing the result to the beneficial action of nonpathogenic micro-organisms, which peptonize the organic matter in the sewage, and so bring about its purification.

The assistative of Great Britain has reached the large sum of \$65,000,000. The stimated capital employed in gas manufacture in Great Britain has reached the large sum of \$65,000,000. The quantity of gas sold in London amounts to 30,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continuing 1882 reached the high figure of 10,000 million cubic feet, and the continu

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Mr. John Anderson, Grassmere. Ont., writes:

The Vegetable Discovery you sent me is all gone, and I am glad to say it has greetly benefited gone, and I am glad to say it has greetly benefited those who have used it. One man, in particular, says it has made him a new man, and he cannot say too much for its cleansing and curative qualities.

Valuable Sale of Household Effects.

On Monday next Mr. Charles M. Henderson will offer at public auction the household effects of Mr. Henry W. Darling's residence, Hillicrest, Rosedale, beginning at 11 o'clock. The list embraces the whole of the bousehold effects, which are all first-class, and also the contents of the coach house. Those seeking bargains in high-class goods of this nature should attend the sale.

It Still Leads.

An offensive breath, either from indigestion or catarrh, is cured by using Ayer's Sarsaparilla.

An Heauty,

An offensive breath, either from indigestion or catarrh, is cured by using Ayer's Sarsaparilla.

A Heauty,

The palace steamer Columbian of the Richelian and Divario Navigation Company will arrive at Geddes' whart to-morrow morning and leave Monday at 2 p.m. for Montreal, running in steamer Spartan's stead to end of month. This is the swift new steamer which found so much favor on the consists of several improved machines specially perfected for the World's Fair, at which place this firm has several hunnired machines is that of the attention of the many exhibits that attract the attention of the merchants is that of the attention of the merchants is that of the attention of the merchants is that of the A Heauty.

The palace steamer Columbian of the Richelland Liver Company will arrive at Geddes' whart to-morrow morning and leave Monday at 2 p.m. for Montreal, running in steamer Spartan's stead to end of month. This is the swift new steamer which found so much favor on the doing the aution trade of the city and when a cathartic is required. The Auctioneers.

The Auctioneers.

The Auctioneers.

The firm of C. M. Henderson & Co., judg-timents mo

PROGRESSIVE IDEAS.

Notes of the Forward Mevement in the Useful Arts.

This list of new uses of aluminium as of electricity, continues to rapidly extend. The metal is said to serve excellently as a tooth-stopping medium. It does not darken, as do other materials used for this purpose. Whole sets of teeth, indeed, have, it is averred, been experimentally made of aluminium, the result of which has been to place before the dentist for solution the problem of rendering the metal grinder the color of the natural molar.

BETAILS OF THE SYSTEM.

Recognizing these principles Mr.
Scott-Moncrieff has so applied them as to constitute a plan for the bacteriological treatment of sewage. The main feature of the apparatus is that of a filter bed; but this is intended to act also in the cultivation of the microbes, and is, therefore, a "cultivation filter-bed." The operation, so far as present information extends, is limited to the treatment of the sewage from a single house, though fresh materials for investigations are now coming to hand from a town where the "cultivation filter-beds" are at work. These later facts will be published as soon as possible.

Dr. Houston specifies the results which have been abtained on a singler scale at Ashstead. The Ashstead filter-bed is simply 10 feet in length, by 2½ feet in width, and 3 feet in depth. This receives the entire sewage discharge from a household of 10 or 12 persons, with the exception of the grease, which is held back as far as possible by a grease trap. The filtration is upward, the liquid rising through a false bottom, and then passing through successive layers of flint, coke and gravel, till it reaches the level of the outflow pipe. The depth of the filtering material is only about 14 inches.

It might be expected that so small a filter would soon becommenced at the Royal Bockyard, at Chatham, for the construction of the new twinter of the construction of the new twinter of the construction of the new twinter of the largest and mest powerful battleship to be made the Magnificent, which will be the largest and mest powerful battleship to be made the Magnificent, which will be the largest and mest powerful battleship to be made the Magnificent, which will be the largest and mest powerful battleship to be made the Magnificent, which will be the largest and mest powerful battleship to be made the Magnificent, which will be the largest and mest powerful battleship to be made the Magnificent, which will be the largest and mest powerful battleship to be made the Magnificent, which will be t

59 AND 18.

TWO EXPERIENCES IN KEMPTVILLE OF INTEREST TO OTHERS.

The House of Children of Child

FITS.

BY JIMMY JAGS.

Until 10 o'clock.

214 Yonge-stree

WEAKNESS OF MEN Quickly, Thoroughly, Forever Cured

Shoe House JAMES EATON'S BAY-STREET. - TORONTO.

The Greatest Display of

In all the Most Fashionable Styles. Ladies' Felt Hats 25c, regular price 75c. Never in all our past have we done such an overwhelming mantle busines.

PRICES

Cheapest.

88 Yonge-street,

Six Doors North of King.

Perfect Floor

has more advantages than at first room. If you wish such a floor quired, lay and finish it, although any good carpenter can do the work. Write for designs and price list.

Stained Glass
Relief Ornaments
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**MANTLES JACKETS** CAPES

SEALETTES SILK SKIRTS

JUST OPENED N. ROONEY 62 YONGE-STREET.

HOME COMFORT week or next Monday evening at the latest.





naturally reverts to King's shoes. They certainly are certainly are

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Money to loan in sums of \$100 to \$5000 on first

mortgage security.

SALE BY TENDER OF VALU-able Freehold and Leasehold of Margaret Hocking of the City of Toronto, deceased.

does not allow dust to gather at the edges and in the corners of the solicitors, Messis. Mulvey & McBrady, 67 Can-

Sault Ste. Marie Canal

Shorthand & Business Evening Classes.

Barker & Spence's Shorthand and Business School, 12 King-Toronto for obtaining a shorthand or business education thing in full working order, Monday, Wednesday and Fri- surnames, a anteed. Rates very low. Be And notice is any, held by the And notice is a ninth day of or will proceed to

OUR ANNUAL **EXHIBITION SALE** 

CAS, ELECTRIC AND COMBINATION The Trusts Corporation of Ontario, in this mat FIXTURES NOW ON.

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246 SOUND PROOF CABINETS. PRIVATE MEDICAL DISPENSARY DR. ANDREWS' FEMALE PIL ons confidential. Address R I. Andrews, 227 Sharp reet, 4 minutes' walk from Queen-street west car coropte, Ontario.

The London & Ontario Investment Company (Ltd.) The shareholders of the above Company are

hereby notified that the

Sixteenth Apparal Meeting
for the presentation of the Report and Financial
Statements and for the Election of Directors and
other purposes will be held at the Company's
Offices. No. 84 King-street east, Torouto, on
THURSDAY, the dist day of September, 1893, at
the hour of 12 o'clock noon.

By order.
Torouto, Sept. 6th, 1893.

LOAN COMPANIES THE CANADIAN HOMESTEAD OFFICE: NO. 72 KING-STREET EAST, TO-RONTO. Money to Loan on First Mortgages. Principal may be paid monthly, quarterly or an-nually and interest charged upon balance only. Savings received and interest allowed.

Canadian Mutual Loan and Investment Co.

ESTATE NOTICES.

NOTICE TO CREDITORS—IN THE Matter of the Estate of Donald C. Ridout, late of the City of Toronto, Solicitor of Patents, Deceased.

RE JOHN KERR AND SARAH Merr, Deceased. Notice to cre-ditors and others.

SMITH, RAE & GREER,

Dated 8th Sept., 1893. IN THE SURROGATE COURT OF the County of York. Notice to Creditors, in the matter of the estate of William John Macdonell, iste of the City of Toronto, in the County of York, Esquire, De-

Cas & Electric Fixtures

After our Extensive Clearing Sale we have opened out a large stock of New and Elegant Designs in Gas. Electric and Combination Fixtures And Globes, Which we are offering at very low prices.

Bennett & Wright, 72 QUEEN-ST. EAST.

A HOME ON EASY PAYMENTS,

\$1.50 PER MONTH Will Secure for \$185 WOODBINE ESTATE.

This property is situated at corner Woodbine and Saimon-avenues, and you can reach it by the Grand Trunk Suburban service, which is nly seven minutes' walk distant. **WEAK MEN CURED** 

M. V. LUBON.

