THE REVIEW RICHIBUCTO, N. B. NOVEMBER 7 1901.



absolutely free for celling the S boxes of Pills. Don't Send a Cent. Order today and we send Pills by mail, sell them at 25 cents a box Theze are our regular if you comply with the offer, we send to every one taking advantage of this advertisement, the 12 Knives, 12 Forks, 25 Table Spoons, 12 Tea Spoons and 100 piece decorated Dinner and tea Set will be given absolutely free. We are a relinho-concern and guarantee the dishes and silverware full size for family use. We desire to introduce our Pills into every house-bold and are advertising in this way. Write at once. NEW LIFE REMEDY CO., Box 382 Toronto, Ont.

603

Samples of the hundreds of Testimonials we are daily receiving. NEW LIFE REMEDY Co., Dear Friend :--I received my Dishes and Silverware 1 received, they are very handsome, I beg yon to accept my thanks, 1 will do all I can to introduce your Pills. MRS. ERUCE GRANT, Canterbury St., York Co., N.B.

ESTABLISHED 1889.

The Review,

RICHIBUCTO, NEW BRUNSWIK

Published every Thursday at 1.00 per year in advance; \$1,50 it no. paid within three months.

THE PEOPLE'S PAPER!

THE PEOPLE'S FRIEND

SUBSRIBE NOW

All Kinds of Printing.

INVENTORS AND INVENTIONS HOW ICE IS FORMED.

DIFFERENCE BETWEEN THE ARTI-FICIAL AND NATURAL PRODUCTS.

Manufactured Ice Is Frozen From the Sides. While the Article That From the Top Down.

"But few people know anything about ice." said a gentleman connected with and the number is steadily increasing, one of the plants in this city. "How it there is not yet a paper specially devoted is made, how it is handled and the way to get the best results out of a given quantity are things that the average person knows but little about. There is in the first place a curious difference in the way natural and manufactured ice is formed. Natural ice is frozen from the top down. It is a matter of displacement. It begins with the first thin surface of the water and freezes down into the water, the depth or thickness depending on the prevailing temperature. charge, to the enquiries of any of our Manufactured ice is frozen from the sides. Ammonia of course does the freezing, and the brine that is used acts as a sort of reservoir, holding the cold which is to crystallize the water in the cans. The streaks so frequently found in blocks of ice are due to the fact that the freezing is from the side. There is core them. What is not Patentable. frequently found in lake ice small spaces How Inventors are Swindled. Cost of of various shapes and describing many different lines, and these are due to small quantities of air which are imprisoned during the freezing process. Trade Marks, etc. Woman as an Inven-These spaces are not so common in manufactured air, because the air is not allewed to take the same liberties with the water that is to be frozen.

"The processes of manufacturing ice are simple enough, but the construction if tanks, such as are used around factories and cold storage plants, is a rather complex business. They are built in layers so that air can neither get out or come in. There are generally two or three spaces that are filled with dead air that will take up neither heat nor may say: "We give to the world more cold. There are several layers of paper, and one space is filled with a nonconducting moss, which is really made of finely crushed granite. These spaces and lay- our inventions. Even when we have ers form perfect insulation so far as heat made our thousands, the world has netted and cold are concerned, and these elements cannot pass to and from the tanks. It costs a world of money to properly construct these tanks, and really persons which is the greatest in the world? Is it not familiar with the facts have no sort of idea of the expensiveness of it.

in a way to get the best results. Ice- Philosophy, or Metophysics? Most em men are required to figure the thing out on a scientific basis. They know just how much ice it will take to cool a given furnish knowledge. Of what value is space. They can figure it down to a knowledge if it is not used? Invention is square inch. But we must remember, in the greatest science, if measured by its the first place, that ice will not cool any thing until it begins to melt. If it were possible to cram an ordinary room full of ice and keep it in a condition where it would not melt a particle, the walls of the room would not cool because of the presence of the ice, but the very moment the ice begins to melt the walls will begin to cool. The ice must give off some of its cold before having any sort of influence on the things around it. and it does this when it begins to melt. Now, this is natural law and a fact which the merest tyro would understand if he stopped long enough to think about it. There is another fact which is overlooked with bonor both to the inventor and to his de Duke and Duchess of Cornwall and Fork the same persistence by the average person who uses ice. Of course persons who have large refrigerators have mastered these simpler principles, yet they can be used with equal advantage in the ordinary icebox. "Heat, as I started to say, travels one way and cold another. Heat goes up. It is capable of floating sway on the atmosphere. Cold strikes down the other way. So, in the case of ice, the coolling influences are downward. In cooling a room the ice should be placed at the top of the room to get the best results. If vents are run down at the sides of the room so the cold thrown off by the ice can fall it will soon drift around in einenlar form. and the room will cool much more rapidlooked by the wast majority of persons who use ice, and consequently they do not get the best results. By following good out of the ice he buys, but the chances are that the ice bill would be much smaller. tinued. "calls to my mind the fact that wood is a pretty bot auticle, and this is with peculiar force on the mind of the iceman. Since embanking in the ice business I have often wondered what the difsome difference, and it would be an interjust about what it is. But this is not the ures on cooling spaces that are inclosed will be required. He must figure on the wood he must figure on wood as an ad-

A New Departure by "The Review "

In most foreign countries special papers are devoted to inventions and patents in which inventors and manufacturers may acquire such information as will enable Nature Furnishes Is Congesled them to make inventions financially profitable. In this country, however, a'though there are thousands of inventors to their interests.

In an endeavor to fill a long-felt want in this direction we have made arrange. ments with the well-known firm of Marion & Marion, Patent Attorneys, Montreal, to furnish us with an article on this subject each week, and they will also reply promptly and accurately, free of readers who may write them. The article given below is intended merely as an introduction to a series of others in which the following subjects will be dealt with: Patents-What they are, and how to se-Patents in all countries. International Union for the Protection of Patents, tor. The Age of Invention, etc.

INVENTION.

THE GREATEST SCIENCE IN THE WORLD Tatham has said: ',Invention is the happiness of man.", Edison has said that he is the happiest while inventing. Inventors than we receive. We have often become poor while the world has become rich by its millions."

Of all the physicial and mental sciences, Chemistry, or Natural Philosophy, or "Few persons understand handling ice Mineralogy, or Electricity, or Mental phatically, No! The sciences just named

PEOPLE RECOVERING

From Pneumonia, Typhoid or Scarlet Fever, Diphtheria, La Grippe or any Serious Sickness



Require the Merve Toning, Blood En. riching, Heart Sustaining Action of Milburn's Heart and Nerve Pills.

It is well known that after any serious illness the heart and nerves are extremely weak and the blood greatly impoverished. For these conditions there is no remedy equals Milburn's Heart and Nerve Pills. It restores all the vital forces of the body which disease has impaired and weakened. Mr. T. Barnicott, Aylmer, Ont., says :-"About a year ago I had a severe attack of La Grippe which left my system in an exhausted condition. I could not regain strength and was very nervous and sleep. less at night, and got up in the morning as tired as when I went to bed.

"I had no energy and was in a miserable state of health.

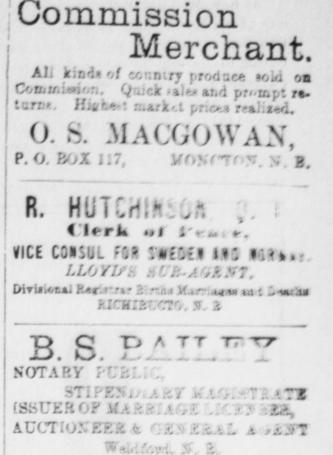
" Milburn's Heart and Nerve Pills, which I got at Richard's Drug Storehere, changed me from a condition of misery to good health. They built up my system, strengthened my nerves, restored brisk circulation of my blood, and made a new man of me.

"I heartily recommend them to any one suffering from the after effects of Grippe, or any other severe illness."

THE ROYAL PARTY.

YARMOUTH, ISLE OF WIGHT, Oct. 31 -The Ophir and the fleet anchored off Yarmouth, Isle of Wight, at 4 p. m. King Edward and Queen Alexandra left London by special train at 5 p. m. for Commissioner of the Richibucto Civil Portmouth. The children of the "Dake and Duchess of Cornwall and York are with their majesties.

During the first night out from St. John's, while steaming about 15 knots,



CARDS.

O.J. McCully, M.A., M. D. Memb. Roy. Col. Surg. Rag.

SPECIALTY, DISEASES OF EVE. EAR AND THREAT Office-Cor. Main and Westmorland Streems.

Moncton, N. B.

Barrister at Law. Notary.

SOLICITOR AND CONVEYANCER Referee in Equity. JUDGE OF PROBATES BUCTOUCHE, - - - N. B.

H.M.FERGUSON, J.P. Notary Public. Conveyancer. etc.

Issuer of Marriage Licenses. ACCOUNTS COLLECTED AND PEG. CEEDS PROMPTLY PAID OVER. Court. LICENSED AUCTIONEER.

REXTON. KENT COUNTY. N B.

Good Work---Low Rates.

Address Labels, Books, Bill-Heads, Bills of Lading, Blanks all kind. Bonds, Blotters, Bills of Fare, Business Cards, Ball Invitations, Ball Programmes, Catalogues, Circulars, Calendars, Checks, Certificates, Counter Bills, Charters for Societies, Dodgers, Drafts, Druggist's rinting, Folders, Gang Saw Bills, Hangers, Hotel Registers, Invoices, Insurance Printing, Letter Heads, Labels, Magistrate's Blanks, Memorandums, Menu ards, Note Heads, Note of Hand, Orders, Posters, Programmes, Pamphlets, Price Lists. Receipts, Reports, Statements, Show Cards, Shipping Tags, Tickets, Visiting Cards, Wedding Cards, Wedding Invitations, executed with neatness and despatch.

TESTING THE COAL AREAS AT MOUNT CARLYLE

from both sides, fourning a sant of circle. them. MONCTON, Oct. 31 .- Whe ther or not " 'tis not interred with their Victoria and Albert, accompanied by a on our favourite weekly visitor, "THE the coal areas in New Brunswick are of bones." and their inventions are better flotilla of smaller royal yaents, will meet REVIEW " such a character as to warrant mining on the Ophir in the channel. The royal memorials than monuments of gold. ly. These are some of the things over-As the ground is unfit for turning over, a large scale, according to modern meth-People at large live and think in the party will en-train at 1 o'clock in the after our busy farmers are engaged in partridge present; scholars, or the learned are busy noon. Here 10,000 troops will keep the ods, is in a fair way of being demonstrated shotting. at Mount Carlyle, which is about five with the Past, look into the Fature for streets clear for the procession from Victo the simpler natural laws in such matters Mr. John Mullrony spent Sunday at new worlds to conquer, and supply the oria station to Mariborough House, All miles from Coal Branch station of the Inthe average man would not only get more home. tercolonial Railway, and about thirty Present with the Future of their labours traffic on the London and Brighton rail miles north of Moncton. Coal was dis-Our pupils are advancing nicely under To make inventious pay, protection road will be suspended between the time Merchants the directions of Miss Gesner, who has covered at this point some years ago by "But speaking of the great care taken must be secured by patenting them. Any of the departure and the arrival of the in insulating the tank." the iceman com-C. C. Carlyle, after whom the place is won the esteem of both parents and childof our readers interested in this subject royal train. named, but he lacked capital to operate a ren. of inventions and patents should send 10c PORTSMOUTH, Nov. 1.-The Dias nas with an mine, and nothing was done until las. another thing which has impressed itself for a copy of the "inventure Help," pub-Miss Carruthers' term expired Friday. tional pagent in honor of the return of winter, when the property was bonded to lished by Marion & Marion, Patent Ez-She returned to Business College at Fredthe Duke and Duchess of York is almost G. R. Jones, one of Moneton's enterprising ericton. Three of her advanced pupils parts, Montreal, Canada and Washington, a reproduction of the ceremony attending citizens. Mr. Jones went to work on the will leave shortly for Rexton. ference in temperature was in the differ- D. C. their departure. The town and harour Mr. James Fahey is spending a few days ent kinds of woods. There is, of course, surface in a rather primitive way, were astir early, immense crowds assemb-THE MOST EFFECTIVE DEand last winter got out about 400 at the home of his parents, Mr. and Mis. ling along the sea front and rounds of esting thing if some fellow could find out tons of coal of fair quality. During the Thos. Fahey. cheers mingled with the national appleen SIGNS early spring the area was examined by C. Mr. Titis has purchased several car loads point. All wood is hot from the wiewand salutes fired from the harbor ship and point of the iceman. The fellow who fig-ARE SHOWN IN THE G. Polleys, a mining engineer of considof cattle and horses from our hustling land batteries as the Royal yacht Victoria erable prominence in New York, who at DYE MAT AND DINGNO farmers of this place. and Albert started to meet the Ophic. by wood must figure on the units of bear once took hold of it and succeeded in or-Mr. William Fahey, Jr., and bride of in order to find out just how much ice On board the Royal yacat was the King in BUG PATTERNS. ganizing a company to develop the pro-Madison, Me., are visiting relatives in this units of heat to be overcome under any the undress uniform of an admiral. He perty. The company is known as the stoud on the after bridge at the salute, circumstances, for that matter, but in the place. Canadian Coal and Manganese Company case where the space is surrounded by while the Queen and the children of the. Many of our young folk attended a Dismond Dye Mat and Rug Patterns. the president being Jas, P. Geddes, of Juke and Duchess paraded the hurricane party Friday night, and report a good ditional element. are the most effective and artistic designs New York, G. R. Jones, of Moncton, viceto Business deck. The roads presented a striking "Wood is always bot, and it generally, lever shown to the ladies of Canada. These 11140. president, and C. G. Polleys, general manrequires a good bit of ice to drive out the. resigns are colored on a very superior spectacle owing to the great gathering of Two of our neighbors are about to I may bear which is stored in this material. ager. A perpendicular shaft, 12 by 20 quality of Scotch Hessian, and show to warships dressed from stem to stern with Advertise matrimony, then a grand ball may be This is why changes have been made in feet, is being sunk at a point about a dyantage the colors that should be used beir wards manned and sides lined with the matter of constructing refrigerators. when making up the mak or rug. Dia, would Dye Mat and Bug Patterns are quarter of a mile from where Mr. Jones looked for. where meats and perishable goods are, crews, Nelson's old flagship, Victoria, operated, and it is hoped to strike a six All the youths have secovered from stored. The lining found in these refrise made in the following standard sizes: 18a started a salute to their Majesties and 179 foot seam at a depth of 100 feet. Oper "Ouban small pox." Measles are the crators has saved a world of ice, because 30 mebes, 24x36 mebrs, 30x34 mebrs and each in turn took it up as Victoria and it has made it unnecessary to freeze the ations at sinking the shaft have been order of the day. 35x73 roches, and are for sale at relatedry. wooden frame in order to get the proper Albert moved down the solent, accounsomewhat delayed by the breaking of the We regret to learn of the illness of Mr. IT your merchant. REVIEW. PHE da stores. 1 that this general idea will in time be more supply you, sector a postal with your full useful as a saver of ice, and it will of address to the Weils & Rochardson, Ca., MA OF ALGER MAY pump, but they are down now a depth of Beers. course he a good thing from the stands Limited, 200 licenstain St., Montreal, P. goint of the consumer. Wood is a great Q, and they will send you postpaid, sheets 60 or 70 feet. In the meantime the most Mrs. Targett arrived home from Camp-Constant and a second and a second and a second improved machinery is being procured, bellton, much improved in health. ice eater, and this is why icemen daye Coursigns the make your selections from a boarding house capable of accommodat-Reneve thuse Inflamed Byco THE LAST ROSE OF SUMMER been plotting against the material." before ordering. ing sixty people has been created, and al-1. - S. B.S. - 1. Pond's Extract so half a dozen other buildings, including thow a Sprain Boes tharts LOGICAL REASONING. office, boiler and engine houses, and black Russians Like Perfumery. But it isn't the pain alone that is dread smith and machine shops. So confident The Russians are very good and lucra-"Don't you see, Willie," explained his ed just think of the loss of time and tive customers to the makers of perfumare the managers that the enterprise will wages. Sprains without number have mother, "if you cat any more jum it will ; we, for it flows like water as a spray 10 be successful that arrangements are HAW been cured by rubbing Poleau's Nervinge their make you sick?" It'll make use sick " repeated the boy being made to lay off streets and lots for CAUTIONI-Agoid dangerous, irwell into the pores is my said suff much Par ing the juint. No matter whether was a drawing the utmost inxury that prevails in aprained wrist, ankle, knee or back, just are it was and plants, especially in Su ritation Wites Church presidential ac represented to be "the same as" the building of the lown that it is thought juningly. Pond's Saturd which easily sour will be built up. The superintendent of That's what I said." the works is J. W. Rees, a practical miner by Nerviline on it, and see how quickly Petersburg during the long winter season and generally contain "wood alco. You rout hol, " a Cendly polson." Han BRAND WALLSTON from Ponnsylvania. Well, then, it I'm willing to risk it I it will cure. There is only one liniment A Shooting Tr's. on't see why you should make a fus 7 499 7 that can be depended upon to cure He-Did you shoot anything while you Wellow will dye a splendid green by sprains, strains and swellings, and that is were un in Canada ?" SLE Tes. indend! We went out in a nsing Magnetic Dyes-10 cents buys a Polson's Nerviline. Large bottles 23 Advertise in The Review boat one day and shot the loveliest rapids" package and the results are sure. Bentley's Liniment cures Croup. cents. ROD before Sally.

BROWNS YARD AND VICINITY. Ocr. 31 .- While sitting all alone in the beautiful moonlight, my thoughts rested

usefulness to mankind, because it gives to other sciences. It is the science which applies knowledge to useful purposes.

Men have made fortunes, both as inventors and as capitalists investing in inventions. Whether wealth is obtained or Jot, one thing will result in the introduction of a useful invention, as surely as heat results from combustion, and that is cendants.

lamps, Morse's telegraph, Edison's electric ated.

brake.

the Ophir sighted an iceberg, directly the world the practical benefit of the ahead, and about two miles off. The beng was first seen by the cruiser Diadem, which warned the Ophir and the squadron changed its course and reduced speed. The searchlights showed a pale green mass, 100 feet wide, with about 40) feet above the water. The Ophin's passage was tempetuous and ended in a gale.

LONDON, Oct. 31 - Most elaborate plans a name which will last for ever: as an have been made for the reception of the at Portsmouth and in London.

Napoleon's name also probably will last. The officials are determined that their forever, but whereas he conquered nations tour shall end in a binze of gibry. At by procuring certain blessings at great Portsmouth an effective naval display has sacrifice of human life, benefit without been arranged. Fifteen battle ships and sacrifice has been produced by Watt's cruisers will escort the royal yacht to expands. It is fuffy, light and airy and steam engine, Stevenson's locomotive, Portsmouth. On Friday evening the Galvani's electric battery, Davey's safety whole fleet in the barbor will be illumin-

> lamp, phonograph and carbon transmitter, King Edward and Queen Alexandra, Bell's telephone and Westinghouse's air with the children of the Duke and Duchess of Cornwall and York and other mem-

The good which inventors do lives after bers of the royal family, on board the





