

ESTABLISHED 1891

CHARLOTTETOWN, PRINCE EDWARD ISLAND, TUESDAY, JULY 28, 1903.

PRICE TWO CENTS

Federal Blend

A choice Blend of Ceylon, India and China Teas, in such proportions as to insure a delicious cup of Tea. Sold by all the principal Wholesale by MCKINNON & McNEVIN Lower Queen St. Ch'town.

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ICE CREAM PARLORS GRAFTON STREET CHARLOTTETOWN. Open every afternoon and evening. Orders taken for parties etc. JEAN ALMYR HAMILTON, Graduate Boston Cooking School '02, 15 & 3rd

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Physician and Surgeon, KENT ST., CHARLOTTETOWN. X Ray and Electric Treatment. OFFICE HOURS:—8.30 to 10 a. m., 2 to 3.30 and 7 to 8.30 p. m. —17 63m.

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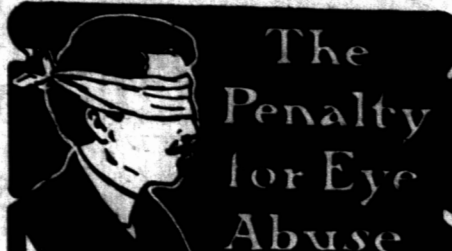
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Are prepared from the choicest ingredients and flavored with ripe fruit juices. One package makes ONE PINT of delicious jelly. Ask for Kovar. 10c. per package.

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Auction Sales

of Jewellery and Fancy Goods. I have instructed Benj. Carter & Co., auctioneers to sell by Public Auction at our store, Sunnyside, Grafton St., every Saturday night until further notice a large stock of jewellery, glassware, silverware and fancy goods. Sales to commence July 4th at 8 o'clock p.m. On account of poor health for the last twelve months, money is very much needed, therefore bargains may be expected. Terms cash.

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FINE TAILORING

Having opened our store on Great George Street, opposite Crabbe's corner, we would invite you to call and inspect our stock which we have just received. The latest novelties in woollens which we will make up in the latest fashions at moderate prices. Your own material made up if desired. Satisfaction guaranteed. Patronage solicited.

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A SOLAR MOTOR

Possibly a Practical Solution of the Sun Power Problem. Many attempts have been made at various times to use solar heat as a source of power. A century or more ago great burning glasses were constructed both in France and England which developed a heat intense enough to melt iron, gold and silver. At the Paris exposition of 1878 an exhibit that attracted much attention was a sun engine which furnished the power for a printing press.

At last a practical solution of the problem seems to have been reached. There has been set up on Edwin Cavston's ostrich farm at Pasadena, Cal., a contrivance which performs its work regularly and with certainty. From one hour and a half after sunrise to half an hour before sunset it drives a top horse power engine, raising fourteen hundred gallons of water twelve feet per minute. This is enough to irrigate about 500 acres of deciduous trees or 300 acres planted with orange trees.

The solar motor is in shape like a section of a huge umbrella of very substantial construction, having a diameter of twenty-three feet at its widest part and of fifteen feet at its narrowest. The whole inside surface is covered with mirrors, each two feet long by three and one-half inches wide. Nearly 2,000 of these long, narrow mirrors catch the sun's rays and reflect their heat upon a slim boiler just where the handle of the umbrella would be.

The great reflector is set like an astronomical telescope. It is so nicely adjusted that one person can easily move it in either direction. The boiler is thirteen and one-half feet long and holds 100 gallons of water. When the reflector is not working, the boiler is quite inconspicuous, but when the concentrated heat from the mirrors is focused on it it gleams like polished silver. In a little while it becomes so hot that a stick held against it smokes and bursts into flame. In about an hour steam is generated and is conveyed through a flexible metal pipe to the cylinder of the steam engine, being thereafter used in the ordinary manner.

Buttons That Grow.

No, the ivory buttons you wear do not represent the death of an elephant in the wilds of Africa, your pearl buttons were probably never nearer than you took them to the shell of a bivalve mollusk and the probabilities are that no rubber tree was ever tapped to produce the hard rubber buttons that adorn your overcoat. Down in Central America there is a fruit producing palm that has quite metamorphosed the button business and formed the nucleus for one of the most important industries in the United States. The seed of this fruit contains a milk that is sweet to the taste and relished by the natives. The milk when allowed to remain in the nut long enough becomes indurated and turns into substance as brittle and hard as the ivory from the elephant's tusk. The plant that produces these nuts is called the ivory plant. Most of the buttons now used in America, whether termed ivory, pearl, rubber, horn or bone, come from this ivory plant. Thus the probabilities are that your buttons are made from a vegetable milk, and they grow on bushes.

The British Crown.

When King Edward went to Italy he met, according to the London Chronicle, a king who is more of a Stuart than himself. Both are descended from James I, but the king of Italy is also, through his mother, eleventh in descent from Charles I. In strict right Victor Emmanuel has more claim to the British crown than Edward VII. But for their Catholic religion the Savoy's would have been installed to rule over England, and not the Brunswicks, when the Stuarts were evicted. After the children of James II, the next in blood was the Duchess of Savoy, daughter of Henrietta, the youngest child of Charles I. But she was not a Protestant and so was debarred. Thus it was that the British crown was passed to the house of Brunswick by the act of settlement in 1701. Otherwise the Savoy's would now be the royal family.

Lounge Anatomy.

The modern interest in science through "observation" has become more or less of a mania. Even the children are bitten by it. The Little Chronicle says that George, aged five, takes a great interest in physiology and anatomy.

One day some members of the family had been studying a dissected porcupine and making drawings of the bones.

Not long after his sisters took an old lounge apart, and George watched them. Presently he came running to another member of the family, his eyes on fire, his cheeks flushed and his locks flying behind him. "Come! Come!" he cried. "If you want to study physiology now's your chance. The girls have got the lounge all to pieces!"

She Was Ashamed.

Mistress (angrily)—Bridget, I find that you wore one of my evening gowns at the bus drivers' ball last evening. It's the worst piece of impudence I ever heard of! You ought to be ashamed of yourself!

Bridget (meekly)—Oh wuz, mum, OI wuz. An' me young man said as if OI wuz wese sich a frock in public as in he'd break our engagement.—London Telegraph.

THE EXPERT CASTER.

Placing His Fly Is Not Mere Chance, but a Fine Art.

The art of casting is in itself simple and may be readily acquired by any painstaking fisherman. The rod passes only through a quadrant; it starts parallel with the water and, coming to the perpendicular, stops. The motion is a quick, rigid jerk as fast as it can be made, and the rod does the rest. The motion forward is at the beginning a gradual feeling for the tension of the line—that is, when it is about to straighten. Once this is assured the movement increases in rapidity from butt to tip, the result being much the same as driving a peg with a long handled hammer—slow at the start and quick at the finish, the bend of the rod being first at the butt and gradually ascending to the tip.

In casting nothing is left to chance by the expert caster. He knows exactly where he wants to put his fly, within a foot or two, and puts it there, the feathered barb traveling past him at from six inches to four feet above the water, as he may elect, although it may go above the shoulder if desired. In some long casts one may see the fly pass below the hip. Indeed the degree of command one can gradually acquire is really wonderful.

A single cast where fish are located is, as a rule, sufficient. They will rise at once, and if the fisherman is an expert at dropping his fly he can bring fish to the spot from some distance. One may frequently see fish attracted from a point so far from the fly that they break water two or three times before taking the hook. On the other hand, a fly awkwardly dropped will be taken with a leisurely grab, the fish simply sucking it in, and the exhilaration of a spirited rise is lost. The more expert a fisherman is at fly casting the more thoroughly he enjoys the sport.

A MOTHER'S TESTIMONY "Lactated Food

Saved My Baby's Life"

A mother's statement as to how her baby's life was saved, may induce many mothers to ask themselves the question: "Am I using the right food for my baby?" A lady, the wife of a Men real merchant writes as follows:—

"My baby was never lactated; it had to be brought up on prepared foods. When the little one was two months old, it was so thin and weak that doctor said it would not live many days. Reading about Lactated Food, I bought a package and tried it. There was a new life for the baby in the first meal. After using Lactated Food for ten days, I found the baby was brighter and stronger. I continued with the food and my baby now five months old is fat and healthy. Your Lactated Food saved my dear baby's life; it is worth its weight in gold."

CALENDAR FOR JULY 1903

MOON'S PHASES. First Quarter 1 d. 4 h. 48 m. ev. Full moon 9 d. 1 h. 30 m. ev. Last Quarter 17 d. 3 h. 10 m. ev. New Moon 24 d. 8 h. 38 m. m. First Quarter 31 d. 01 h. 15 m. m.

Table with columns: Day of Week, Sun Rises, Sun Sets, Moon Rises, High Water a.m., High Water p.m.

Cape Breton Ads

ROSS & ROSS, Barristers, Solicitors and Notaries. Money to Loan—Straight Loan or from Building and Loan Company. Offices in Ross Block, Sydney, C.B. JOHN ROSS, L.L.B. HOWARD S. ROSS, B.A., L.L.B.

G. L. MURPHY & CO.

Sydney C.B. General Commission Merchants. Island Produce handled on commission and prompt returns made. 15-4w17

HARRINGTON & FULLERTON

Barristers, etc. Cable Address: Harrington, Halifax. OFFICES, HALIFAX AND SYDNEY, C.B. Halifax Office, Roy Building. Sydney Office, Ross Block. Correspondence relating to Cape Breton should be directed to Sydney C.B.

BURCHELL & MCINTYRE, Barristers, Solicitors, etc. Sydney C.B.

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Offers Such Protection to Sufferers. Kidney-Wort Tablets. A Specially Guaranteed Cure.

Dr. Pettigill's Kidney-Wort Tablets positively cure kidney diseases. If you find yourself suffering from any of the varieties and complications of kidney disorders such as albuminuria, inflammation of the kidneys, Bright's disease or diabetes, or confident are we that Kidney-Wort Tablets will cure every form of kidney disease, that the purchase money will be cheerfully returned if sufferers are not relieved and improved after the use of one bottle of the Tablets. This is a guarantee that no other remedy in the world dare place before the public. It is made with confidence because Dr. Pettigill's Kidney-Wort Tablets have been used in any case where they have been used according to directions. One bottle of Kidney-Wort Tablets used at the first sign of growing weakness over the hips or in the back, too frequent urinating, brick dust deposit or mucous discharges, will save you weeks of suffering later on.

OUR Wedding Rings

are all made to our special order by the best ring manufacturers in Canada, and are guaranteed to be full quality. Be sure and buy a ring stamped W. N. T. A large supply just received. W. N. TANTON, Jeweler. New Store, North Side Market Square.

Clycone Bug Machines. Berger's Paris Green. Canada Paint Co., Paris Green. Genuine Nash Scythes. Arostook American Scythes. Lawn Mowers—16, 14, 12 in. For Sale by

SIMON W. CRABBE,

Stoves, & Hardware, Walker's Corner.

Any Mower

May Cut an Ordinary Hay Crop! BUT WHEN the conditions are difficult, it requires a first class machine to do the work. "THE DEERING IDEAL MOWER" With its great range of adjustment and perfect mechanism will get all the hay under all conditions. Sizes 4, 4 1/2, 5, and 6 feet. WM. GRANT & CO., Agents, Ch'town.

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SUMMER RESIDENCE.

The undersigned will rent for the summer or for a longer term the splendid sun-seer house at North Rustico known as the "Clarehill" Residence. North Rustico is a typical place to summer and an one who wants a summer house should correspond with me before making any arrangements. The house is right on Rustico Beach and has eight large rooms and kitchen and the out buildings complete barn and large double garage. For full particulars apply to

THOS. DOYLE,

North Rustico.