

# THE DAILY EXAMINER

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VOL 37

CHARLOTTETOWN, P. E. ISLAND, WEDNESDAY, MAY 19, 1897.

NO 117

If You are Going  
**BOSTON**

Or any part of the United States.  
the cheapest and best route is via the  
**Plant Line,**  
THE POPULAR SUMMER ROUTE  
DIRECT - SERVICE FROM CH'TOWN.

Commencing May 14th, the favorite S. S. "Halifax" will leave Ch'town for Boston every Friday at 1 p. m.  
Returning leaving Boston every Tuesday at noon. Steamer calls at HAWKS-BURY and Halifax both ways  
Via Pictou & Halifax  
Passengers leaving Charlottetown Tues and Saturday mornings via Pictou make close connection at Halifax with steamers "Olive" and "Halifax" for Boston direct Wednesdays at 7 a. m. and Saturdays 11 p. m.  
Tickets for sale at stations P. E. I. Railway, Ch'town Nav Co, and Clarke's ticket office.  
H. L. CHIPMAN, Can. Agent, Halifax, N. S.

**VALUABLE PROPERTY FOR SALE**

The subscriber wishes to dispose of his beautifully situated residence, fronting 84 feet on West Street, and running to the shore 209 ft, with shore privileges to the channel, now for sale by private contract. This fine residence, "Edenhurst," is situated between the residences of the Hon. L. H. Davies on one side, and Benjamin Hertz, Esq. on the other side. The house is heated with hot water. There is vacant space on the south side sufficient for the erection of a coach house and stables.

"Edenhurst" commands a fine view of the harbor and surrounding country, and one of the best situated residences in the city.

If not sold by private sale before the 2nd day of June, next, it will on that day be sold by auction at 12 o'clock noon.

For full particulars apply to the owner on the premises.  
SIMON DAVIES,  
Or to A. McNeill Auctioneer, Ch'town,  
114-15, 13, 21, 26, 29 31.

**Property for Sale at Geo'town**

Any person desirous of obtaining a first rate residence in Georgetown will have an excellent opportunity on Wednesday next, the 19th inst., when the real and personal property of the late Charles Moore will be sold at public auction on the premises.  
114-21 15th and 18th.

**FOR SALE**

(1) THAT farm of SIXTY ACRES at PISQUID, LOT 37, lately occupied by Jas. A. Campbell. The greater part cleared and in good condition. Remainder with a fine growth of hard wood.  
(2) ALSO, a comfortable and well situated dwelling house and premises AT CLYDE RIVER, LOT 31, with a half acre of ground.  
(3) A fine, dry building lot on Edward St., Charlottetown, (near Grafton St. R. R. Crossing), 42 feet front, by 120 feet back. Terms easy.  
(4) ALSO, all that fine farm of 110 ACRES at DROMORE, LOT 37, lately owned by John Logan.

**TO LET.**

(5) THAT convenient cottage with garden, yard and stable on Poplar Terrace, East Kent St., now occupied by A. Bannerman Warburton, M.L.A. Possession 1st October next.  
F. W. L. MOORE,  
London House Corner Solicitor  
99-d&w-3wks

THE PLAN **Seeate read. room** YOU CAN'T COME  
Like Venus, and For Like Cause, It Is Now a Dead World.

Mercury is a body devoid, practically if not absolutely, of air, water and of vegetation. Consequently it is incapable of supporting any of those higher organisms which we know as living beings. Its surface is a vast desert. It is rough rather than smooth. Whether this roughness be due to mountains proper or to craters we are too far away from it to have been able yet to say. The latter is the more probable. Over the greater part of its surface change either diurnal or seasonal is unknown. Three-eighths of its surface is steeped in perpetual gloom, while the remaining quarter slowly turns between the two. The planet itself, as a world, is dead.

Interesting as Mercury thus proves to be, the interest as regards the planet itself is of a rather corpse-like character. Less deterrent perhaps is the interest it possesses as a part of the life history of the solar system. For tidal friction, the chosing act in the cosmic drama, has brought it where it is. The machine has run down. Whether it ever supported life upon its surface or not, the power to do so has now forever passed away. Like Venus, and for like cause, it is now a dead world. And it was the first thus to reach the end of its evolutionary career, earlier to do so than Venus, inasmuch as tidal action was very much greater upon it than on Venus, and consequently produced its effect more quickly. Mercury has long been dead. How long, measured by centuries, we cannot say, but practically for a very long time. Venus must have become so comparatively recently. Both, however, now have finished their course and have in a most literal sense entered into their rest.—Perceval Lowell in Atlantic.

**Seeing and Believing.**  
It is an old and a wise saying that "seeing is believing," yet everybody knows that very often what we see and therefore believe proves to be not really true at all. As we grow older, finding that our eyes have so frequently deceived us, we are often not satisfied with the evidence they give us until we have verified it by touch or smell or hearing or taste, or by looking at some doubtful thing from different points of view or under a different lighting.

We are not willing to believe that a conjurer actually draws rabbits from a man's ear or coins from the tip of his nose just because our eyes tell us such tales. Sometimes our deceptions are so lasting that things must be made wrong in order to look right, which seems rather contradictory. If we look at the letter S or the figure 8 as carefully as we can, the upper and lower halves seem to be almost exactly the same size. If we turn them upside down, thus, S, 8, the difference in the size of the loops is quite astonishing, and we wonder how we could have been so mistaken. Yet perhaps the truth is that the loops are neither so different nor so much alike as they seem to be, as we see when we look at them turned upon their sides, thus, S, 8.—Harold Wilson, M. D., in St. Nicholas.

**Geo. D. Scott,**  
VICTORIA, B. C.  
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FOR SALE

A Yacht, nearly new, convenient model, excellent sailer, fully rigged and ready for sea. Terms easy. For further particulars apply at this office.  
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FOR **SUNLIGHT SOAP WRAPPERS.**

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**Victoria's Diamond Jubilee**

Will be held this year, and those who visit Ch'town this year will not do themselves justice if they fail to get their Lunches at Victoria Cafe, and drink the health of Her Majesty the Queen in a glass of Joy's famous Buttermilk  
**JOHN P. JOY**  
VICTORIA CAFE  
Gt George St....

**YOU NEED NOT WORRY YOURS**

about Lumber. We can save you with anything in that lippy prices and quality suitable—prices to the hard times, but quality—you've heard of. It no use to get

**As Thin as a Lath.**

(Our laths are a good thickness.) Running from one place to another when you can get everything you want at Barrett's. We will be glad to sell you anything from one board to a house.

**JAMES BARRETT.**  
CONNOLLY'S WHARF

THE LIGHT OF THE FUTURE.

An Austrian Inventor of a Phosphorescent Lamp Which Gives Cold Light.

Experiments are now being carried on in Europe which may revolutionize the lighting system of the world. The incandescent and the arc lamps as we now have them would become obsolete and the promises of the Tesla system of illumination will not need to be fulfilled. The individual conducting these experiments is the Austrian physicist Puluj (pronounced Pulnie), whose researches and discoveries in the domain of what is known as cold light have given him prominence and standing in the scientific world. Fifteen years ago he invented a so called phosphorescent lamp. It excited little comment at the time, as it was thought to be but an imitation of the tubes of Geissler or Crookes. But in the light of modern ether discoveries it has taken on importance. It generates not only intense Roentgen rays, but it also transforms nearly all of the energy of the electric current into light. It emits an intense greenish white light in sufficient quantity to "illuminate a small room." Professor Ebert has made measurements which show that a single horsepower of electric energy would be sufficient to operate 46,000,000 Puluj lamps.

Taken in connection with a recent statement of Professor Oliver J. Lodge we can well believe that the lighting system of the future will be little short of marvelous as far as the generation of the light is concerned. Professor Lodge, who is the head of the department of experimental physics in University college, Liverpool, says that "if mechanical energy can be converted entirely into light alone, one man turning the crank of a suitable machine could generate enough light for a whole city." Puluj claims that his lamp fulfills this condition, and he is working hard to bring it down to a practical basis.

To produce light without heat is to perfect a system in which all of the producing energy will be turned into light. As our electric lighting system now exists only from 1 to 3 per cent of the energy is expended in light. The rest of it passes off in the form of heat. It is this immense waste of energy which makes it necessary for us to employ steam engines, dynamos and expense creating apparatus of all kinds in producing what is after all but a mere residuum of illumination.

Puluj's lamp is not operated by dynamos or storage batteries. It operates with a different kind of electric current. It is lighted by means of an induction coil or a glass plate electric machine. The static electricity thus produced is the same in every respect as lightning. The lamp of Puluj can be operated even though only one terminal of the induction coil (the negative pole, for instance) is connected to it. The lamp itself is shaped very much the same as an ordinary Edison incandescent lamp, except that the wires leading into the lamp do not extend up the neck from a socket. They extend directly through the side of the bulb. They are made of aluminium. The negative pole, or cathode, ends in a small reflector shaped disk. Hanging from the point, or apex, of the lamp globe is a small square sheet of mica. The piece of mica faces the reflector disk or negative pole and is painted with sulphide of calcium, an extremely phosphorescent substance. When the negative pole of the lamp is connected with an induction coil, the current is, as it were, concentrated by the little disk in the lamp and a stream of radiant electricity flows from it to the painted sheet of mica, which immediately glows with an intensely brilliant phosphorescent light.

This is Puluj's lamp as it exists today. The heat evolved from it is so small that it can be neglected. Nearly all of the energy put into it is converted into light. It is therefore the nearest possible approach to cold light that has yet been made. But it is not in its present stage available for general lighting purposes. Puluj is experimenting with a view to arriving at a solution of his problem. He is carrying on a series of investigations to the end of producing a chemical lighting system. Not the production of light through the consumption of chemicals, but, as far as can be learned, the development of ethereal light vibrations by chemical means.

Tesla once made a remark which was full of the spirit of future progress in the matter of lighting. "It is of no little interest," he said, "to contemplate that we have a possible way of producing by other than chemical means a veritable flame which would give light and heat without any material being consumed, without any chemical process taking place, and to accomplish this we only need to perfect methods of producing enormous frequencies and potentials."—New York Sun.

**NERVOUS** Troubles are due to impoverished blood. Hood's Sarsaparilla is the One True Blood Purifier and **NERVE TONIC.**

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We have bought this stock at the lowest cash figure, and will sell it at the lowest cash figure. Remember, we are the only manufacturers of cloths in Charlottetown. When you get our goods you know what you are getting

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This spring we have made an addition to our already large store, the department of

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