

CARTER'S LITTLE LIVER PILLS.
SICK HEADACHE
 Positively cured by these Little Pills.
 They also relieve Distress from Dyspepsia, Indigestion and Too Hearty Eating. A perfect remedy for Dizziness, Nausea, Drowsiness, Bad Taste in the Mouth, Coated Tongue, Pain in the Side, TORPID LIVER, etc. They Regulate the Bowels. Purely Vegetable.
Small Dose, Small Price.

Substitution the fraud of the day.
 See you get Carter's.
 Ask for Carter's,
 Insist and demand
 Carter's Little Liver Pills.

EPPE'S COCOA
 GRAPEFUL, COMFORTING
 Distinguished everywhere for Delicacy of Flavour, Superior Quality, and Highly Nutritive Properties. Especially grateful and comforting to the nervous and dyspeptic. Sold only in 4-lb. tins, labelled JAMES EPPE & CO., Ltd. Homoeopathic Chemists, London, England.
EPPE'S COCOA

Perry... PICTURES
 We carry a full line of the celebrated Perry Pictures—10 each colored 2 cts. Call and look over the catalogue. You may find some you would like.
CHAS. J. MITCHELL,
 BOOKSELLER and STATIONER
 45 Queen Street, opposite Prowes'

\$1000 WILL BE GIVEN CASH WAY.
 On February 14th, 1900.
 To Agents sending subscribers to
SELF - CULTURE - MAGAZINE
 Two Hundred and Fifty Dollars to the agent sending in the largest list—\$150.00 \$75.00, \$25.00, \$15.00, \$10.00, and so on a total of 52 Cash awards; and in addition very large commission will be given.
 Send for full particulars and free equipment. Profitable work for intelligent persons. Send two references.
THE WERNER COMPANY,
 Dept. H., Akron, Oh.

For One Week
 From January 8th, you can get your boy a Mechanical Toy, a Magic Lantern, a Hot Air or Steam Engine for less than cost. Why we make this offer is that our shop is small, and rather than try and pack them away we will sell them at less than cost.
 Also we have six hundred dolls—dressed and undressed and that we will dispose of at the same rates.
F. J. HORNSBY
 Victoria Row, Charlottetown, P. E. I.

War in The Transvaal

Particulars of the Struggle in South Africa.

THE HELIOGRAPH DESCRIBED
 How General White Flashes Dispatches to General Buller Twenty Miles Away.

The heliograph, which is being put to such effective use in South Africa by both Briton and Boer, is a modern adaptation of one of the oldest forms of signalling apparatus known to military science. Heliographing, as the name implies, is sue telegraphing, and General White's signal men in despatching news from Ladysmith are using the same device, only in more perfected form, that the wicked small with a bit of "looking glass" in his grimy fist employs to attract the attention of his fellows across the schoolroom by flashing the sun in their eyes. Mirror signalling was early used by the North American Indians, and is no doubt partially responsible for the marvelously rapid dissemination of news on the plains noted by many American army officers. The modern war heliograph is almost equally simple in theory and practice. The sending apparatus consists of a mirror mounted on a tripod and hung on both horizontal and vertical axes with adjusting screws admitting of minute changes of plane. With this mirror the sun's rays are flashed for miles, directed by painstaking adjustments into the field of vision of a receiving telescope also tripod-mounted. The code is similar to that used in electric telegraphy. Flashes, long, or short, represent dots and dashes, and the Morse or any other code, including ciphers can be readily used. The heliograph has been called the trump card of visual signalling, for it possesses the four cardinal military virtues—probability, rapidity, range and secrecy.

The heliograph is extremely portable weighing with its stand no more than a soldier's rifle. It possesses a curious virtue of secrecy, because to people standing even at a very short distance from the point on which its rays are directed its signals are invisible. But this fact will show how useful it is to have the sun reflected full on the distant station; and to insure this the heliograph has to follow the sun as it travels through the sky. The two screws mentioned, one giving a vertical movement and the other a horizontal movement to the mirror, about its centre, effect this, and the screws can be manipulated by the signaller while in the act of sending without interruption to the message. The range of the heliograph is enormous with a strong sun and clear horizon, and it is, therefore, admirably useful in South Africa. In the 1883-85 campaigns a heliographic signal service extended north—Orange River to Molopo—a distance of 429 miles. One of the great virtues of the heliograph is its ability to pierce haze. Colonel Keyser, who was in 1880 with the besieged garrison at Kandahar, reported that he opened communication with the advanced guard of relieving force, under Sir F. Roberts at Robat, a distance of forty-eight miles, and communications were kept up for several hours on a hazy day.

Heliographing 429 miles, as stated above, implies a system of repeating station, however, as the the curvature of the earth in such a distance makes it improbable that stations sufficiently high could be secured.

Labor in the South African Mines.
 Black labor is to be had in any quantity, under proper conditions, and the best of it is excellent in quality. The trouble is that conditions have

Raisins Raisins
4 GROWN LAYERS
SELECTED
 Finest of stock.
 In 14 and 28 lb. boxes.
 Also all kinds of groceries at the very lowest prices.
 Come and be convinced.
J. T. FEARDON

been so bad that none but the lowest element of the blacks would submit to working in the Transvaal, and even these hardly all except under pressure of absolute necessity. Abuse extortion enforced labor on the farms without pay, trickery, robbery of their accumulated earnings by Boers—these have not attracted the negro to the South African Republic. No doubt the regulation of political conditions as between the two races is a difficult one, but the Boer of the Transvaal has not even approached it. Oppression of the blacks has ruined the labor supply of the Witwatersrand, and not the least benefit of a good, honest, and just government will be the amelioration of conditions in this respect. A "hut tax" by which the negro is made to supply some share in the support of the government, and in return for which he receives protection of law, seems to be one of the most successful methods of raising the standing and increasing the responsibility of the native.—Charles B. Going, Interviewing John Hays Hammond, in the Engineering Magazine for January.

It is clear that the military world has now the first experience in modern warfare. Since civilized nations were last engaged inventive genius has made a great transformation in engines of war, and they are now tried for the first time. Experience gained against savage tribes has proved deceptive.

Cyril H. Moore, son of J. G. Moore, of Winnipeg, who volunteered for the second contingent and passed medical examination successfully but was left behind with hundreds of others, determined not to be kept from the seat of war and has gone to England to join the Imperial Yeomanry. Moore is paying the whole of his expenses.

ITCHING PILES...
 Positively and permanently cured by Dr. A. W. Chase's Ointment.

Dr. A. W. Chase's Ointment is an absolute cure for piles, and has never been known to fail to cure the worst forms of this disease which has baffled medical skill for ages.
 This statement may sound rather strong to persons who do not know the superior merits of Dr. A. W. Chase's Ointment, but it is perfectly true, and heartily endorsed by the grateful testimony of thousands of men and women who have been cured by it after years of suffering, and after trying many preparations and consulting the best doctors.
 Mr. H. Bull, Belleville, Ont., says: "I take pleasure in stating that after thirty years of suffering with Itching Piles, Dr. Chase's Ointment has completely cured me. I tried every remedy that was advertised, with little or no benefit, but as I have told different persons affected as I was, Dr. Chase's Ointment made a perfect cure."
 Dr. Chase's Ointment has a record of cures unparalleled in the history of medicine. It is guaranteed to cure any case of piles. For sale by all dealers, or Edmansson, Bates & Co., Toronto.

IT'S MOVE ON
 The City Council passed a law, you must "move on," you must move on.
 The policemen won't stand any jaw make you move on, make you move on.
 At Sentner, McLeod & Company's Store things must move on, things must move on.
 Remnants there on every floor that must move on, that must move on.
 Remnant sale begins Tuesday, January 2nd, 1900.
 FURS have got to move on at My Store.
 JACKETS will move on at My Store.
 200 hats will move on, at 25c—Sentner, McLeod & Co.
 Sentner, McLeod & Co's Remnant Sale is moving on.
 Our Remnants are tempting morsel for dyspeptic purses.
 We need not write an essay on our FURS.
 They are well able to talk for them selves.
SENTNER, McLEOD & CO

A GENERAL MISFIT.
 And It Angered the Tailor's Victim Accordingly.
 "Now I know what it is to think murder. If I gave way to the animal in my nature, I would have that fellow's life blood before I slept. Here it is Saturday night and not a chance to reach him before Monday. I'll not go out of the house tomorrow, not if the bishop himself were going to conduct the services. Look at me!"
 "Why, Robert, I think it's a real nice looking suit. I do, indeed."
 "No, you don't. Would you have ever married me if I'd tried to court you in a guy looking rig like this? I guess not. Look at the sleeves. You couldn't get a decent sized pair of cuffs through these wristbands to save you from being flayed alive. Did you ever see such panta's in your life—bloomers to the knees, skin tight over the calves and peg bottoms? One leg shorter than the other too! See it? I wouldn't go to an Elks' masquerade in such a rig."
 "Nothing the matter with the clothes," snapped the wife's sister, who is very much as other men's wives' sisters are.
 "I wish you'd just reserve your valuable opinion till it's asked for. It's a fright, and I want you to understand that I married only one of your family."
 "I know it. There's only one of the family who would have had you."
 His wife prevented violence by tearful intervention, but he jerked his summer hat on by mistake, forgot his night key and left with a vow that he would whip that tailor, within an inch of his life and a loud hint that they would get rid of interlopers if they had to go to boarding.

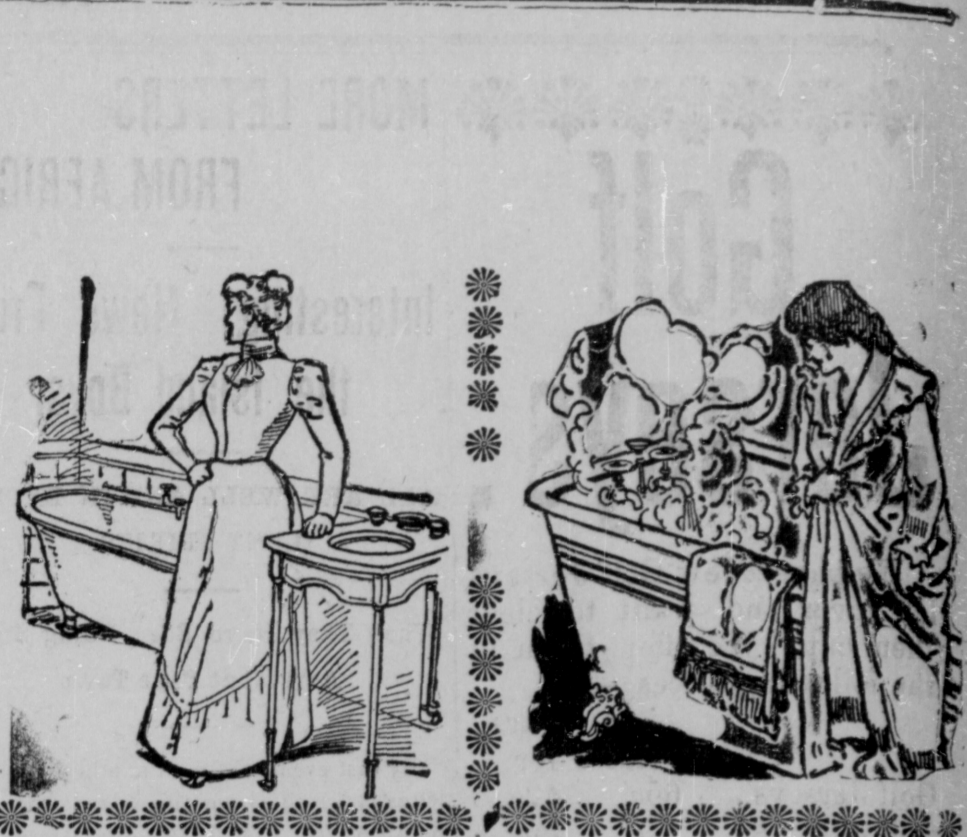
To Cure a Cold in One Day
 Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure 25c. E. W. Grove's signature is on each box

AT MASON'S STORE
 You can get the latest Canadian and American newspapers received by mail each night.
 Drop in if you want a paper or magazine or book to read. Fruit, Confectionery, Tobacco, Cigars etc. when you're passing this way.
R. H. Mason

A Bilious Letter
 Thursday evening we dropped a bill in the Post Office for a prominent gentleman of this town. The next morning we had the pleasure of receiving it. This is what we call promptness. (Oh, that others would do likewise.) We have been dropping, dropping, softly dropping a number of bills in the Post Office; and we are waiting, waiting patiently, to have the pleasure and to give the pleasure of receiving them.
 Please do not all come together; but if you do, what a happy, happy gathering it will be. We have a number of bills to pay, and a large number of small bills that should be paid us. Kindly pay yours and we will be in a position to do likewise.
 Yours very truly
J. J. GAY & SON,
 CHARLOTTETOWN.

PHENIX of Hartford
FIRE INSURANCE CO.
 Cash Assets Over, \$5,000,000.00
 A share of your patronage is solicited for this old Reliable Company.
PLEASING CONTRACTS, GENEROUS SETTLEMENTS, LOWEST RATES
E. H. BEER,
 GREAT GEORGE STREET
 Authorized Agent for P. E. I
 Also representing other, Fire, Life and Accident Insurance Companies.

TO BE FORTIFIED
 against colds and grippe
TAKE
 Mac's Compound Syrup of Hypophosphites
 Large bottle of nearly 130 doses for \$1.30.
Macdonald's Drug Store
 Cor. Gt. George and Kent Streets.
 Night Bell Telephone



T. A. MacLEAN
 PLUMBING, S T T & I
 HELARGEST SUPPLY of Plumbers & Steamfitters Goods on the Island



Contracts for plumbing and hot water heating undertaken and completed with despatch. A large staff of expert pipers and plumbers engaged.
ALL WORK GUARANTEED.
 Get our prices before closing contracts as we insure you first class work at competition prices. Address—
T. A. MacLEAN,
 Masonic Temple Building, Grafton St., Charlottetown



Boots and Rubbers
 all styles and sizes suitable for fall and winter wear—for the lowest possible prices, at
McQUAID'S,
 LOWER QUEEN STREET
 Boot and Shoe Store.

STOVES
 Highland Ranges
 Jewel Ranges
 Jewel Stoves
 Heating Stoves
 Tortoise Heaters
 See that you get the Tortoise with a one top piece.
Fennell & Chandler