

SERVING HIM WITH SHOT.

Powder Monkey on the Battlefield—How the Ammunition is Supplied.

If it were not that there is a very excellent and elaborate system of supplying soldiers with ammunition during the course of a fight it would be almost hopeless to attack any position. Modern cartridges are very heavy things to carry. The long bullet, the heavy brass work of the case, and the weight of the wads and powder, all combine to produce an article which, though it is of small compass, is very weighty.

When our soldiers are attacking a Boer position their operations require that each man shall have a large supply of ammunition. This must all be carried forward as the fight progresses. The Boer entrenched upon a hill-top may have the largest supply of his ammunition by his side, and he is not weighed down by it as our soldiers are when storming the position.

WHAT HE CARRIES.

During a protracted fight the British soldier is, in most instances, compelled to fire away all the ammunition which he is personally able to carry. An ordinary private carries 100 rounds. Just before an action, when heavy firing is expected, this 100 rounds is supplemented by fifty more from the battalion reserve of seventy-seven rounds per man. Thus each private advances into battle carrying no less than 150 possible dealers of death.

Whenever a soldier falls or is wounded he is immediately stripped of his ammunition, and it is at once distributed among the men who are still capable of carrying on the fight. The reserve ammunition for each battalion is carried in four carts and on the backs of two pack mules. When an action appears imminent, a temporary reserve, called a "brigade reserve," is formed. This consists of two carts taken from each of the four battalions composing the brigade. This special reserve is placed under an officer selected for the occasion. In the event of any of the battalions becoming detached from the brigade, they receive their own carts back again.

AMMUNITION PACK.

In addition to the above, there is always with the regular ammunition column seventy-seven rounds for each man, and a further supply is carried in the "ammunition pack" of fifty-five rounds per man. Accordingly the total amount carried in the field for each infantry soldier works out at 300 rounds.

The men who actually bring up the cartridges to their comrades of the fighting line are selected from each company for their strength and agility. This duty of bringing up supplies of ammunition during the engagement is a very arduous one, and only the most physically fit are able to attempt it.

The mules which accompany a battalion are supposed to get within 500 yards of the men in action, and the carts to within 1,000 yards.

A SUBSTITUTE FOR RUBBER.

Velvrit is Said to be Superior to the Natural Product in Some Respects.

Velvrit is the name by which a new substitute for rubber and gutta-percha is to be known. It is to be used largely for deep sea cable insulation, to take the place of rubber. The desirability of such a substitute being found is seen in the fact that one cable recently laid required over 500 tons of rubber, or one-fifth the annual output, for its insulation. The new insulator is a mixture of nitrated linseed or castor oil with nitro-cellulose. This gives a homogeneous mass, the elastic and other properties of which can be modified by changes in the proportions of the constituents. A good imitation of Para rubber is secured by mixing two pints of nitrated oil with one pint of nitro-cellulose. Castor oil yields better results than linseed oil. The elasticity of the product is 25 per cent. It is said to be more durable than rubber, and it can be molded under heat and pressure, or worked by dissolving in any suitable solvent, and then evaporating the solvent. Velvrit is claimed to be superior to vulcanized rubber, in that it is without action on copper. It appears to possess many advantages, but satisfactory information as to its cost of production is not yet forthcoming. The purposes for which it is expected to be specially adapted are machine belting, the manufacture of portmanteaus, camping-out sheets, loin cloths for horses, balloon materials, hose and tubing, carding wire foundations for spinning rollers, floor coverings, paints, enameled leather and fishing lines. It is non-explosive, and not more inflammable than other kipped organic products.

HENS HATCH THE EGGS.

In China hens are employed to hatch fish eggs. These are sealed in an egg-shell and placed under the unsuspecting hen for a few days. The contents of the shell are then emptied into a shallow pool, where they can bask in the sunshine until the minnows are strong enough to be turned into a lake or river.

ACETYLENE SEARCHLIGHT.

A German officer has invented an acetylene searchlight which can be carried by one man, and which will illuminate everything within a distance of 100 yards. It is expected to be of great use in searching for the wounded after a battle, and in bridge building at night.

SHOEMAKER'S STORY

Tweed Shoemaker Who States He Was Cured of Backache by Dodd's Kidney Pills.

No Reason to Doubt It. He is But One of a Thousand—Dodd's Kidney Pills Always Cure Backache.

Tweed, Nov. 27. There is a shoemaker in this town who is one among the thousands who have been cured of Backache by Dodd's Kidney Pills. The shoemaker's work sitting bent over the bench or last all day is naturally a strain on the back, but that of itself is never the cause of the real Backache. Backache of the genuinely painful and distressing kind is caused by disorder of the kidneys. In fact the ache or pain is situated directly in the kidneys as the sufferer will find if he tries to rub the pain away with liniments, as he would were it a mere stiffness of the muscles.

Mr. W. S. Bushy, of Tweed, thought his case was of the latter kind. He bore with it for years, thinking it inseparable from his work. Finally, however, he found his mistake. He writes;—

"I have long been troubled with severe pains in my back, and I always thought that the cause was from my constant work on the bench. I found out my kidneys were affected and once I was certain of that I resorted to Dodd's Kidney Pills. I am happy to say three boxes left me clear of Backache. I can highly recommend them to any person afflicted with that form of Kidney Disease."

POINTED PARAGRAPHS.

All men believe in dreams—while asleep.

A plagiarist is a writer who collects his thoughts.

The whir-r-r of the alarm clock is an eye-opener.

The luxuries of life are the things we don't really need.

He is a busy man who does half as much as he intends to do.

Poverty may be a blessing, but only when it clings to our enemies.

It is said that a model woman earns a living by trying on cloaks.

A physician says the outbreaks of humanity are always in a more or less rash.

THE SCIENCE OF DREAMS.

According to the recent studies of Signor De Sanctis of Turin, children begin to dream before their fourth year, but are unable to recall dreams before the age of four or five. This age, he concludes, is that at which a child first becomes distinctly conscious of self. Aged people dream less frequently and less vividly than the young. Women's dreams are more frequent, more vivid and better remembered than those of men. Criminals and delinquents dream much less frequently and much less vividly than other people. Two-thirds of the most depraved criminals examined by Signor De Sanctis were never conscious of mental activity.

Be Cured of Catarrh.

It is quite easy to cure yourself of Catarrh or Asthma if you use Catarrh-ozone, the medicated air treatment for all diseases of the nasal and respiratory organs caused by germ life. Catarrh-ozone will cure—absolutely cure—Catarrh, and is a very pleasant remedy that can be used without any danger or risk whatever. When inhaled it rapidly volatilizes, and finds its way to the very seat of the disease, where it kills the microbe life that causes Catarrh and at the same time restores all irritated membranes to their normal condition, effecting a permanent cure, you simply breathe; Catarrh-ozone does the rest. One trial will demonstrate its worth. For sale at all druggists or by mail, price \$1.00. For trial outfit send 10c in stamps to N. C. Polson & Co., 518 Kingston, Ont.

WORSE THAN WAR.

France loses every year by infectious and contagious diseases 240,000 lives, or nearly double in number of lives lost in the Franco-Prussian War of 1870.

FOR OVER FIFTY YEARS

MRS. WINSLOW'S SOOTHING SYRUP has been used by mothers for their children teething. It soothes the child, softens the gums, allays pain, cures wind colic, and is the best remedy for diarrhoea. It is a hot oil, and is the best remedy for diarrhoea. It is sold by all druggists throughout the world. Be sure and ask for "Mrs. Winslow's Soothing Syrup."

A LOST RIVER.

One of the most remarkable freaks of nature occurs in Mexico. It is a river that is not a river. The bed of it lies in a valley between the Rio Grande, and Pecos Rivers. It is not a dead or dried-up stream. It is simply lost. Numerous big tributaries flow into it from the neighboring mountains. Immediately, however, they disappear from sight. Thus, for some reason or another, a river which should be 300 miles in length has no existence which could be proved.

ELECTRIC LIGHT SLOT MACHINE.

Those who prefer electricity to gas for lighting purposes are within measurable distances of enjoying the same facilities as those offered by gas companies to their customers. The electric light penny-in-the-slot meter is being introduced. Your house will be wired for you, and on dropping in the coin you will receive your due proportion of light, warranted to stop just when you have company, and no charge.

TO CURE A COLD IN ONE DAY

Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E.C. K. W. Groves's signature is on each box.

THE QUEEN'S ICE.

The stores of ice at Windsor, Osborne and Balmoral castles are very large. At Windsor there is storage room for about 500 tons. There the supply is obtained from the lake beneath the north terrace, from Frogmore, and from the lake between Frogmore and Virginia Water. Ice is not only lavishly used in the Royal kitchen, but also for reducing the temperature of Her Majesty's apartments in hot weather. Then it is packed in pretty wooden buckets and stood in the fireplaces.

"Pharaoh 100." Payne, of Granby, Que. Clear Manufacturer.

THE SPIDER'S APPETITE.

Commenting on the amount which a spider actually consumed during 24 hours Sir J. Lubbock says: "At a similar rate of consumption a man, weighing 160 pounds, will require a whole fat deer for breakfast, a steer and five sheep for dinner, and for supper two bullocks, eight sheep and four hogs, and just before retiring nearly four barrels of fresh fish."

O'KEEFE'S LIQUID MALT
Invigorates and Strengthens.
LLOYD WOOD, Toronto, GENERAL AGENT.

NOBLE WORK TO DO.

Ah exclaimed the youth, we have fallen upon evil times! What is there left for one who is over forty, now-adays?

Well, the old man replied, he can put in his time after that trying to become as great as he thought he was at twenty.

Blemishes OF THE SKIN AND TREATMENT.

Send one cent stamp for circular. W. J. URQUHART, Analytical Chemist, 489 Queen St. W., Toronto.

HOW SOME MEN LIKE IT.

Do you believe in the observance of the golden rule? Yes, I always like to have other people keep it in mind when they are dealing with me.

La Toscana, 10c. RELIANCE CIGAR FACTORY, Montreal.

A SLIGHT RETURN.

The last laundry I patronized was the last I've struck yet. In what way? Why I sent 'em six collars, and all I got back back was the buttonholes.

MONTREAL HOTEL DIRECTORY.

The "Balmoral," Free Bus Am. Plan. \$1.50 & up.
European Plan. Rooms from \$1 a day up. Opp. G.T.R. Station, Montreal. Geo. Carlslake & Co., Prop'rs.
AVENUE HOUSE—McMillan-Collage Avenue. Family Hotel rates \$1.50 per day.
ST. JAMES' HOTEL—Opposite G.T.R. Depot. Two blocks from C. P. Railway. First-class Commercial House. Modern improvements—Rates moderate.

TREASURE FROM THE SEA.

Greek divers have discovered treasure in a Russian flagship sunk in Greek waters in 1770. Gold coins to the value of \$55,000 have already been recovered, and the divers report great stores of silver and jewels, which the storms of a century have washed out from the hulk of the old wreck.

How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.
F. J. CHENEY & CO., Toledo, O.
We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions, and financially able to carry out any obligation made by their firm.
WEST & TRUAX, Wholesale Druggists, Toledo, O.
WALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O.
Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c. per bottle. Sold by all druggists. Testimonials free.
Hall's Family Pills are the best.

LIVE ON STRAW.

Thousands of persons in Germany live literally "on straw," making it up into blankets, panniers, boxes, knick-knacks, hats, bonnets, etc. Professional schools have even been founded where the trade is taught in all its varieties.

A REVELATION TO NEW USERS—A NECESSITY TO OLD ONES—

LUDELLA

Lead Packages. CEYLON Tea holds its friends like a magnet 25, 30, 40, 50 and 60c.

A WISE PRISONER.

Now tell me, said the visitor to the penitentiary, if you had your life to live over, don't you think you would choose a different road?
You bet I would, answered the prisoner, I'd take to the road through the woods, and they'd never catch me.

W P C 1003.

CALVERT'S

Carbolic Disinfectants, Soaps, Ointments, Tooth Powders, etc., have been awarded 100 medals and diplomas for superior excellence. Their regular use prevent infectious diseases. Ask your dealer to obtain a supply. Lists mailed free on application.

F. G. CALVERT & CO., MANCHESTER, ENGLAND.

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Wholesale only. Long Distance Telephone 1728. WILLIAM ST., TORONTO.

I.O.O. permanently cures Catarrh of nose, throat, stomach and bladder. 50c & \$1 a box. Write for particulars, The Indian Catarrh Cure Co., 146 St. James St., Montreal.

TORONTO Cutting School offers special advantages to all desirous of acquiring a thorough knowledge of Cutting and Fitting Gentlemen's Garments. Write for particulars. 113 Yonge St., Toronto.

POULTRY, BUTTER, EGGS, APPLES, and other PRODUCE, to ensure best results consign to The Dawson Commission Co., Limited, Cor. West-Market & Colborne St., Toronto.

WANTED—Men to travel, salary or commission; experience unnecessary. Write LUKE BROS. CO., Montreal.
WANTED—Salesman; "Arbutus" produce fruit trees from all parts; \$30.00 week. ARBORVITAE CO., Montreal.

COMMON SENSE KILLS Roaches, Bed Bugs, Rats and Mice. Sold by all Druggists, or 581 Queen W. Toronto.

Carters OLD CURR 10c. Cures in a Jiffy. P. Mc Cormack & Co., Agents, Montreal.

THE DES MOINES INCUBATOR—Best and cheapest O. Rolland, sole agent for the Dominion. Send 3c. stamp for catalogue. 313 St. Paul Street, Montreal.

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Sausage Casings—New improved finest English Sheep and American Hog Casings—reliable goods at right prices. PASK, BLACKWELL & CO., Toronto.

WILL instantly relieve a tickling cough Dr. Brown's compound Syrup of Licorice—ask Druggists for it—sent by mail on receipt of 25c. Bryson Medical Dispensary, Montreal.

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ROOFING and Sheet Metal Works. ROOFING SLATE, in Black, Red or Green. SLATE BLACKBOARDS (We supply). Public and High Schools, Toronto. Roofing felt, Pitch Lead Par. etc. ROOFING TILE (See New City Building, Toronto, done by our firm). Metal Ceilings, Gutters, etc. Estimates furnished for work complete or for materials shipped to any part of the country. Phone 1563. B. DUTHIE & SONS, Adelaide & Elgin Sts., Toronto.

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Cereal Coffee Health Drink. Pure, Wholesome, Nourishing. 10 lb., or 2 lbs. for 25c. ROKCO is equal to 40c coffee. For sale by all Grocers, or send 10c for 1 lb. package of the ROKCO MFG. CO., 154 Queen St., Toronto. Agents wanted in every locality.

LAW Mills, Mills & Malen Barristers, etc., removed to Wesley Bldg., Richmond St. W., Toronto.

BALDNESS CURED.

ROSE'S "Hair Crow" positively and permanently cures Baldness, Hair Falling Out, Dandruff, etc., and renders the hair soft, glossy and beautiful. Testimonials from leading Toronto gentlemen. Price \$1.00 per bottle.

ROSE & CO., 225 Roncesvalles Ave., Toronto.

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Large and fast Steamers Vancouver, Dominion, Cambroman.
Rates of passage—First Cabin, \$50 upwards; Second Cabin, \$25; Steerage, \$25.50 and \$25.50. For further information apply to local agents, or DAVID TORRANCE & CO., General Agents, 17 St. Sacramento St. Montreal.

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Steam and Hot and Cold Water Pipes, Cold Storage Pipes, Kitchen Boilers, etc.
For particulars apply to MICA BOILER COVERING CO., Limited, Toronto, Montreal, and London, Eng.

Agents— MEN OR WOMEN
All parts of Canada make 2 to 3 dollars daily. Latest Improved Cooking gas water range, all completely interchangeable. Decided advantages over any other cooker manufactured. AUTOMATIC STEAM COOKER CO., 323 College Street, Toronto.

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THE MOST NUTRITIOUS. EPPS'S GRATEFUL—COMFORTING. COCOA
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Manufacturers Coming to Toronto
WILL FIND VERY DESIRABLE FLATS, Steam Heated, Steam Power, Elevator and all conveniences. TRUTH BUILDING, 73 Adelaide St. West, TORONTO.

Michigan Land for Sale. 5,000 ACRES GOOD FARMING LANDS—A RENOVATED, Improved, Ogemaw and Crawford Counties. This property is on Michigan Central, Detroit & Mackinac and Loon Lake Railroads, at prices ranging from \$2 to \$10 per acre. These Lands are Open to Enterprising Settlers, Churches, Schools, etc., and will be sold on reasonable terms. Apply to R. M. PIERCE, Agent, West Bay City, Mich. Or J. W. CURTIS, Whittemore, Mich.

To Manufacturers
NORTHEY STEAM PUMP—6 x 4, 7 inch stroke, in good working order, capacity about 200 horse power. Price \$75.

FEED WATER HEATER—65 horse power, in good order. Price \$25.

ONE No. 3 STURTEVANT FAN—24 inch, in perfect order. Price \$25.

ONE No. 4 BUFFALO FAN—27 inches high, upright discharge, in excellent order. Price \$35.

S. FRANK WILSON, TRUTH, 73 Adelaide West, Toronto.

CANADA PERMANENT Loan and Savings Company. INCORPORATED 1865. The Oldest and Largest Canadian Mortgage Corporation. Paid-up Capital, \$2,600,000 Reserve Fund, 1,200,000. Head Office—Toronto St., Toronto. Branch Offices—Winnipeg, Man., Vancouver, B.C.

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The Approach OF Indigestion

INDIGESTION is very insidious. The appetite becomes poor, capricious, or is altogether lost. Pain, accompanied by nausea and flatulence follows the taking of food; nutrition being arrested, the blood becomes impoverished, and then appear various nervous affections, such as headache, dizziness, sleeplessness, neuralgia, hysteria, and the collection of distressing symptoms to which the name of "nervous debility" and "heart trouble" has been applied. The liver is speedily affected, and then we have constipation, foul tongue, offensive breath, depression of spirits and sallow skin.

THE GUNE IS SIMPLICITY ITSELF!
Dr. Ward's Blood & Nerve Pills
ALWAYS TOUGH THE SPOT.
Price 50 Cents per box, five boxes \$2.00. All druggists, or Sam. Williams & Co., Toronto, Ont.

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High Class Water Tube Steam Boilers, for All Pressures, Duties and Fuel.

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References: Toronto Electric Light Co., Limited. The T. Eaton Co., Limited. The Massey-Fergusson Co., Limited. The Ontario Percha Rubber & Mfg. Co. The Wilson Publishing Co., Limited. (All of Toronto where boilers may be seen working.)

"There is no new thing under the sun" but there are many good things and one of the best is Blue Ribbon Ceylon Tea.