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## **GUILE-ADVOCATE WATFORD, JANUARY 28, 1916**

## MEDICAL.

JAMES NEWELL. PH. B., M.D L. R. C. P. & S., M. B. M. A., England, Watford, Ont. OFFICE-Main St., next door to Merchantank. Residence-Front street, one block east f Main street

. W. SAWERS, M. D. WATFORD, ONT

(FORMERLY OF NAPIER) OFFICE - Main Street, formerly occubied by Dr. Kelly, Phone Residence-Ontario Street, oppo A. McDonnell's. Night calls Phone 84.

W. G. SIDDALL, M. D. - - ONTARIO WATFORD

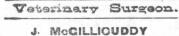
Formerly of Victoria Hospital, London, OFFICE-Main street, in office formerly occupied by Dr. Brando

DENTAL.

GEORGE HICKS. D. D. S., TRINITY UNIVERSITY, L. D. S., Royal College of Dental Surgeons, Post'graduate of Bridge and Crown work. Orthodontia and Porcelain work, The best methods employed to preserve the natural teeth OFFICE-Opposite Taylor & Son's drug store, MAIN ST., Watford. At Queen's Hotel, Arkona, 1st and 3rd Thurs day, of each month

## G. N. HOWDEN D.D.S. L.D.S.

GRADUATE of the Royal College of Dental Surgeons, of Ontario, and the University of Toronto. Only the Latest and Most Approved Appliances and Methods used. Special attention to Crown and Bridge Work. Office-Over Dr. Kelly's Surgery, MAIN ST.-WATFORD



Veterinary Surgeon, HONOR GRADUATE ONTARIO VETERIN ary College, Dentistry a Specialty. All diseases of domestic animals treated on scientific

Office.—Two doors south of the Guide-Advocate office.—Two doors south of the Guide-Advocate office. Residence—Main Street, one door north of Dr. Brandou's office

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RAINWATER AND CISTERNS. Some Type of Filter for Purifying

Purposes Should Be Used. Many farmers have to rely on rainwater for laundry purposes, and sometimes rainwater is their only source for drinking and cooking. This calls for a cistern either above This can's tor a clusteril entitle above or below ground. In such a case some type of filter, preferably separate from the cistern, is necessary. Roofs, particularly shingled roofs, collect much dust and dirt from the roads, and gutter and eave troughs or often filled with leaves dirt and

are often filled with leaves, dirt, and bird droppings. It is well to keep the gutters clean, even though the raingutters clean, even though the rain water is not used, but if it is used the water is not used, but if it is used the importance of clean gutters is vastly increased. However careful one may be, the roof is certain to be dirty when dry. It is therefore extremely important that a switch and cutout be provided on the rainwater pipe, so that at the beginning of rains the filth from the roof may be washed to the outside before any rainwater is admitted to the cistern.

If the rainfall is well distributed throughout the year, the capacity of the cistern may be only sufficient for



A WELL PROTECTED CISTERN

one or two weeks' supply. In localities where long intervals often occur thes where long intervals often occur between periods of rainfall and where much dependence is placed on the rainwater it is advisable to pro-vide a cistern of sufficient capacity to hold half or three-fourths of the rain which falls annually on the aver-age need ergen. The amount available age roof area. The amount available in gallons may be computed approxi-mately by multiplying the roof area in square inches by the rainfall in in-

ches and dividing the product by 231. The cistern may be built of mason-ry or brick, laid in cement mortar and plastered on the inside with rich cement mortar, or it may be built en-tirely of concrete, but in any event if



Buk and you will be surprised how many of them would tell you it is the best known healing balm, and that it should be in every home

that it should be in every home. A contest in "Everywoman's World" recently proved this! Women from coast to coast have proved by actual test that Zam-Buk is unequalled for the skin dis-eases and injuries of chif/ren as well as of adults. They have found Zam-Buk different to ordinary ointments in that it allays the irri-tation as soon as applied; prevents tation as soon as applied; prevents festering, inflammation, blood poi-soning, etc., and permanently heals in a very short time. As a mother and head of a family you owe it to yourself to have Zam-Buk always handy!

If you have not yet tried Zam-Buk, get a box at once. Druggists and stores, 50c.



time is insured The yeal calf, to grow and become The veal call, to grow and become prime for marketing, must have a warm and comfortable stall in cold and rainy weather. If it has not it will require about all the milk you can feed it to keep it alive, with none left for growing and fattening. Were horses able to reason country borses would nit a site horses ho

horses would pity city horses, be-cause the latter must be either in the harness or penned up in a close stall all the time. A good horse never gets too old to play, nor does a good man —all animals are more or less alike. We owe the beasts that serve us an scretch themselves as they please. To pen a horse up closely all winter is cruel.

#### A Billion.

In America, as in France, "billion" neans a thousand millions. In Great Britain it means a million millions. The word was originally invented in France in the sixteenth century to denote the second power of a million, trillion and quadrillion being formed at the same time to denote the third and fourth powers of a million. In the seventeenth century the arithmeticians changed the use of the words, and "bil-lion" came to mean a thousand millions, trillion a million millions, and so forth. England, not being a revoluforth. England, not being a revolu-tionary country, clung to the meaning, of the word that had the oldest pedi-gree. America, being a revolutionary country, followed France.-Exchange.

#### Diplomacy.

"Johnny," said the indignant parent, why didn't you come home when I called you?" "I didn't hear you," replied truthful John.

Just What It is and the Methods by Which It Is Measured. To find the tonnage or displacement of a ship is rather puzzling. The ton-nage of a ship is the measure of its cubical or carrying capacity expressed in tons. At the present time there are four methods in use of expressing the tonnage of a ship, known respectively as the gross tonnage, the net register tonnage, the deadweight tonnage and

TONNAGE OF A VESSEL

the displacement tonnage. In calculating the gross tonnage the whole interior capacity of the ship below the tonnage deck is found, including that of all covered in spaces on deck used for stowage, and the result in cubic feet is divided by 100. The net register tonnage is the gross

tonnage minus all the spaces used for the accommodation of the crew and instruments and the working parts of the ship. It is on the net register tonnage that almost invariably dues are paid.

The deadweight tonnage is the measure of the exact amount of cargo that a ship can carry without sinking too deep in the water.

The displacement tonnage is the space occupied by the ship in the water. The amount of water displaced by a ship is, of course, equal in weight to the ship and all it contains. As one 'ton is equal to thirty-five cubic feet of water, the displacement ton-nage is found by dividing the number of cubic feet of water displaced by thirty-five when the ship is immersed up to its draft or load line.-London Standard.

Our Eyes and Reflected Light.

The human eye has passed through thousands of years of evolution until it has become best adapted to sunlight or skylight coming obliquely from above and resents strong illumination from any other direction. It is apparent that snow blindness, distress from white sand or water is not caused by the intensity of the light so much as by the fact that it is reflected up instead of down and is not stopped by the rather transparent lower eyelid. If the lower part of the eye is guarded with goggles no difficulty is found.

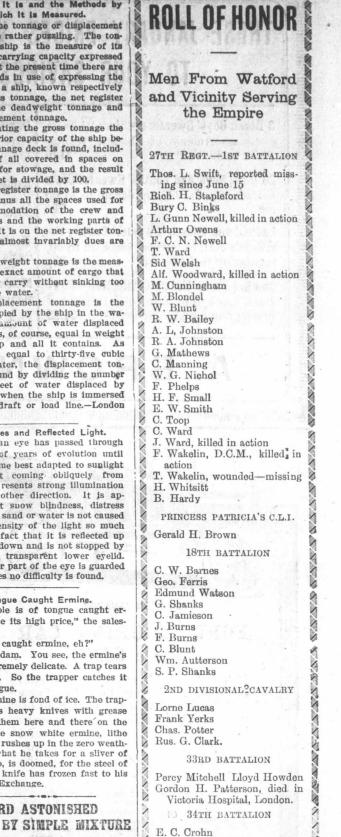
#### Tongue Caught Ermine.

"This stole is of tongue caught ermine, hence its high price," the salesman said.

"Tongue caught ermine, eh?" "Yes. madam. You see, the ermine's coat is extremely delicate. A trap tears it horribly. So the trapper catches it by the tongue.

"The ermine is fond of ice. The trapper smears heavy knives with grease and lays them here and there on the snow. The snow white ermine, lithe and quick, rushes up in the zero weather, licks what he takes for a sliver of ice, and, lo, is doomed, for the steel of the heavy knife has frozen fast to his tongue,"-Exchange.

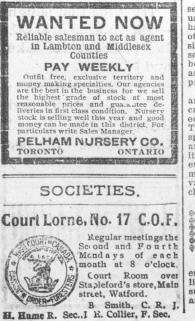
WATFORD ASTONISHED



# THE LAMBTON Farmers' Mutual Fire Insur ance Company.

(Established n 1875

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placed underground it should be waof the stored water, but to prevent the loss of the stored water, but to prevent the entrance of ground water. A mixture of one part cement, two parts sand and four parts gravel or broken stone may be used in cistern construction. The concrete mixture may be made more waterproof by adding 10 per cent. of petroleum residuum oil based on the weight of the cement or by replacing about 15 per cent. of the cement with hydrated lime. Whatever the type of construction, one or two coatings of a strong coment grout, preferably containing about 3 per cent. oil, will aid in wa-terproofing the walls. An overflow terproofing the walls. An overflow pipe, well screened, should be provid-ed in the side, and the cover should be mater tight be water tight.

The filtering arrangement may either be in a separate chamber or in-side the cistern. The method of having the filter

separate from the cistern, although usually the more expensive, is per-haps the more efficient. There are haps the more efficient. There are other simple and perhaps less expen-sive cistern arrangements which serve the purpose. The main idea is, however, to purify the water as much as possible before it is used and to provide effective storage. In the separate filter a bed of sand and gravel is placed in a brick or con-crete tank or in a good barrel, locat-ed preferably close to the cistern.

ed preferably close to the cistern. The rainwater should be made to spread over the surface of the filter and come in contact with all parts of it, passing completely through before entering the cistern. The filtering material should be renewed at inter-vals and the collected sediment cleaned out frequently.

LIVE STOCK IN WINTER. 

For winter feeding for sheep clov-er and alfalfa hay, oats, wheat bran, linseed meal, and roots should insure success. With this feeding material an ample supply of milk at lambing

"Then why did you run away?" "Because I was afraid that I might hear you."-

Victor Hugo. Victor Hugo was the wealthiest of the nineteenth century authors and also the hardiest. At one time he made less than 1,000 francs last him and his brother for eighteen months, and one chop would serve for lunch three days in succession. But this early abstinence did not spoil Hugo's digestion. for at the age of eighty-three he cracked nuts with his teeth and ate oranges as some folk eat apples-peel and all.

#### Then the Row Started.

Mrs. Snappem (who has been suffering from toothache)-Thank goodne I've had that tooth out at last! Mr. Snappem-Happy tooth! Mrs. Snap-pem-What do you mean? Mr. Snappem-It's out of the reach of your tongue.

### The Grind.

"What are you doing now?" "Two a day," said the vaudeville actor. "And you?"

"I can't quite equal that," responded the popular novelist. "Two a week is about my limit.".

# WOMAN 81 YEARS OLD

Made Strong By Vinol

made strong By Vinol Greenville, S. C., — "I want others to know of the great benefit I have de-rived from Vinol. I am 81 years old and Vinol has given me strength, a healthy appetite and overcame nervous-ness. It is the best tonic recon-structor I ever used." — Mrs. M. A. HUTCHISON. Vinol is a delicious cod liver and iron tonic without oil, guaranteed to overcome run down, weak, devitalized conditions and for chronic coughs and colds.

and colds.

Taylor & Son druggist, Watford

Watford people are astonished at the INSTANT action of simple buckthorn bark, glycerine, etc., as, mixed in Adleri-ka. UNE SPOONFUL removes such surprising foul matter it relieves almost ANY CASE constipation, sour stomach or gas. Because Adler-i-ka acts on BOTH lower and upper bowel, a few doses often relieve or prevent appendicitis. A short teatment helps chronic stomach trouble. Taylor & Sons, Druggists.

Twenty-four colleges in the United States have women presidents. Over 200 women are employed in the various municipal departments of Denver. There are only six women wireless op-erators in the United States.

All the Berlin street cars are now in charge of women motormen. Corns cripple the feet and make walk-ing a torture, yet sure relief in the shape of Holloway's Corn Cure is within reach of all.

Ethel Barrymore will receive \$40,000 a picture for four pictures a year for three years from a prominent moving picture concern,

Of the 3,913 women recently inter-viewed by the State factory inspector in lowa, 39.7 per cent. were found to be earning less than \$6 a week.

Relief for the Depressed.-Physical and Relief for the Depressed.—Physical and mental depression usually have their origfn in a disordered state of the stomach and liver, as when these organs are deranged in their action the whole system is affected. Try Parmelee's Vege-table Pills. They revive the digestive processes, act beneficially on the nerves and restore the spirits as no other pills will. They are cheap, simple and sure, and the effects are lasting. An Adelaide farmer in town vesterday.

An Adelaide farmer in town yesterday. An Adelaide farmer in town yesterday, while discussing the results of the munici-pal vote in that township, ventured the statement that three quarters of the rate-payers strongly favored the proposal to commute statute labor in their own hearts, yet they went to the polls and voted for the old system, mainly because they could draw gravel from the nearby pits more cheaply and thereby save probably a few dollars for themselves.—Age

A sanitary stopper for bottles has been invented that opens a valve automatic-ally when a bottle is tilted for pouring.

S. Newell 2 Stanley Rogers Macklin Hagle Henry Holmes Henry Holmes 2 Wm. Manning 70TH BATTALION Ernest Lawrence - Emmerson No. No. No. Geo. Fountain C. H. Loveday A. Banks S. R. Wholton No.N. Ż Thos. Meyers Jos. M. Wardman 1 71ST BATTALION W D Lamb Ż R. H. Trenouth 28TH BATTALION Thomas Lamb MOUNTED RIFLES Fred A Taylor 29TH BATTERY Wm. Mitchell John Howard 4 ANTI-AIRCRAFT Gunner Woolvet PIONEERS Wm. McNally W. F. Goodman ENGINEERS J. Tomlin ARMY MEDICAL CORPS T. A. Brandon, M.D. Capt. W. J. McKenzie, M.D. Norman McKenzie 135TH BATTALION 1 N. McLachlan