

**To Prevent Hallitoms.**

Additional interest will be centered upon the acetylene gas display at the Pan-American Exposition because of the fact that in France an acetylene cannon is used by the winegrowers to prevent hallitoms.

The explosive agent used in the gun is a mixture of acetylene and air, and it is fired by an electric igniter. The use of acetylene in the gun is designed to obviate the necessity of keeping a supply of explosive material on hand for charging the gun.

The cannon is connected with an acetylene generator, and is thus always ready for use. It is stated that 35 pounds of carbide serves for about 1,000 charges, and will last six months.

The valve between the explosion chamber and the acetylene generator is controlled electrically, and the operation of the gun consists in closing the gas-valve circuit for a few seconds, then opening it and closing the igniter circuit to fire the charge.

It is said that the effect of guns may be installed, covering a large area, and be fired simultaneously from one station by a single operator.

In sections of the United States where hailstorms do great damage, a similar acetylene gun might be made to do good service.

**The Wool Trade.**

The outlook for the Ontario wool clip, which will begin to come on the market in a few days, is more encouraging than it has been for many years. A great deal of the last clip is still held by large dealers in the country and at prices above the port basis. Dealers here have knowledge of at least 800,000 pounds of the 1900 clip which is offering, but it is possible at the moment to work any year for export at a price above the port basis, which would let out many holders flat, to say nothing of a margin for interest, expense and a small profit. A letter from the largest mill in Massachusetts, received a few days ago, commenting on market conditions, says: "I have been offered Canada fleeces wool in Doston for the past month at 20 cents—30 days—and have not bought it because I do not want it. I have bought a deal of bankrupt wool in Philadelphia and Boston—Kents 25 cents, selected Irish hogs 20 cents, superior Irish hogs 25 cents, and superior the opening hogs 25 cents, all delivered Boston, and 60 days. I cannot buy Canada wool." These prices are equal to considerably less than 15 cents, Toronto.

Another letter from a well-known American buyer, quoted a price for Canada fleeces which would require the exporter here to get the wool for 13 cents, or less, to show any profit. A marked change has come over the wool trade in Australia, Argentina and in Montana and other territorial sections where large numbers of sheep are raised. Formerly the sheep were raised primarily for the wool, and a small grade of animals yielding fine wool were grown, the mutton being a secondary consideration. Now the sheep are raised for mutton export, and the superior the opening hogs are a refrigerator trade, and the wool is considered as a sort of by-product. The sheep raised for mutton export trade are large, being crossbreds, and the fleeces are coarse.

The situation in the countries mentioned is now entering more directly into competition with Canadian sorts, and our wool is feeling the effects of the changes in the situation.—Toronto Globe.

**Tan Leathers.**

The situation in tan leather is a hard one to define. Reports from some parts of the country indicate a scarcity of colored leathers while from other directions comes the word that tan stuff is plentiful. The situation summed up is about as follows: The majority of the manufacturers agreed that tan shoes were not going to be worn this summer to any extent, and tanners took their cue from this and very little but black leather was made. Some far sighted manufacturers, however, decided that tan goods were not going to be over-looked this season, but in fact, a good deal was made, and consequently made an effort to secure all the tan leather they could. As a result practically all the colored stock is in the hands of a few manufacturers. There has been a great deal of uncertainty about this matter, but if makers do not try again to introduce these lines for winter wear, which was really at the back of

their anticipated decline in popularity for summer they will without doubt have a good firm position for several seasons to come.—Canadian Shoe and Leather Journal.

**Arsenic.**

The English victims of arsenic poison in beer now number more than 115 dead and more than 1,000 ill. The area affected is confined within a hundred mile radius from Manchester, but the panic among beer drinkers has spread almost throughout the whole country. It has been completely established that the cause of the poisoning is arsenic in the sulphuric acid used in the manufacture of glucose which the English brewers employ in place of malt and hops in making cheap beer. The poison has thus far been traced to only one establishment, which supplied glucose sugar to several brewers in the Midlands and the north. A recent analysis shows that some beers sold in saloons contain arsenic sufficient easily to kill any persistent drinker, as much as one-sixth of a grain being found in a pint. The fact that arsenic is a cumulative poison makes it more dangerous.—Popular Science.

**How to Lace Shoes Properly.**

It is annoying to see the average shoe clerk trying to lace a customer's shoe. He gets the two ends of the lace together, laces one hole with one end, drops it, picks up the other end and laces another hole. In this way he wastes a lot of time. This is the way to lace the shoe properly: take one end of the shoe lace and lace every other hole alternately until you reach the top. Do not drop the lace, and do not bother with the other lace until you have reached the top. Do the same with the remaining lace; then draw tight from the bottom. The result will be that you will lace the customer's shoes much more quickly and more evenly, and that the two quarters of the shoe will be drawn more evenly together. When you use both laces in lacing the shoe, and draw the quarters together as you go along, they never remain in the position in which they are drawn, but you drop the lace in order to continue lacing, the quarters naturally spread apart, with the result that you have a zigzag effect which is most displeasing to the eye. Many customers complain about lace shoes, they refuse to wear them on account of the uneven way they are laced. You can obviate this by lacing shoes in the simple way described here.—Ex.

**British Columbia Freights.**

R. P. Ritthet & Co., circular: There was a sharp decline in grain freights during the first part of the month, and quotations reached the low figure of 32s 6d San Francisco to United Kingdom or continent. Owing to continued dry weather there was some uneasiness as to the new wheat crop, but at the end of the month prospects improved with a general rainfall, and rates recovered to the extent of 1s 3d to 2s 6d. The course of lumber freights is still downward, and quotations have again been lowered. Although business is dull in the export trade with few orders in hand, vessels for prompt loading, are still far from plentiful. We quote freights as follows: Grain—San Francisco to Cork, £0. 37s 6d to 36s; Portland to Cork, £0. 37s 6d; Tacoma and Seattle to Cork, £1. 0s. 31s 3d. Lumber—British Columbia or Puget Sound to Sydney, 47s 6d; to Melbourne or London, 50s; to Port Pirie, 52s 6d; to Fremantle, 67s 6d; to Shanghai, 50s; to Kiao Chau, 55s; to Taku, 60s; to Vladivostok, 54s; to West Coast, 5s. 57s 6d; to South Africa, 7s to 7s 6d; to United Kingdom or continent, 75s.

Hon. J. I. Tarte, in conversation with a Toronto Globe correspondent intimated that important developments were on foot in regard to the transportation problem. The minister hinted that in addition to the employment of great carriers of the largest size on the upper lakes, a fleet of steel barges, each costing \$100,000, would before long be placed on the route between Port Colborne and Montreal. "About these I am unable to speak at present," said Mr. Tarte, "but something definite will be evolved."

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**HOTEL LELAND**  
Headquarters for commercial men.  
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**DRYDEN HOTEL**  
A. R. HUTCHINSON, Prop.

Headquarters for commercial and mining men and the general public.  
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**HILLIARD HOUSE**  
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First-class accommodation for commercial men.

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Headquarters for commercial travellers. Free bus meets all trains.

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Good accommodation; telephone connection with the station; sample rooms; inside closet. Livery in connection.

**YORKTON**  
**BALMORAL HOUSE**  
McDOUGALL BROS., Props.  
Good sample rooms and every accommodation for the general public. Heated by furnace and lighted by acetylene gas.

**TRIERBERNE**  
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First-class accommodation for Commercial Travellers, etc.

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**QUEEN'S HOTEL**  
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Best hotel on the Glenboro branch. Three large and first-class sample rooms.

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First-class in every department. Sample rooms. Every convenience for the travelling public. Opposite C. P. R. depot.

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**PALACE HOTEL.**  
LAIRD & McGARVEY, Props.  
New building, new furnishings, furnace heating, acetylene gas. First-class. Large sample rooms.

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**THE STANLEY HOUSE**  
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First-class accommodation for travellers. Commodious sample rooms. Livery and feed stable in connection. All kinds of touring attended to.

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**WESTERN MANITOBA HOTEL**  
T. B. McDONALD, Proprietor.  
Good accommodation for the travelling public. Under new and greatly superior management.

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New building, New furnishings. Furnace heating. Acetylene gas. First-class. Large sample rooms.

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**WINDSOR HOTEL**  
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Renovated and refurbished. Commodious sample rooms. Heated by hot air. Livery and feed stable in connection. Inside closet.

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Newly furnished and under new management. Good sample rooms.

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Every accommodation for the general public. Heated by furnace; lighted with acetylene gas. Bus meets all trains.

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New house. Up-to-date appointments.

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**PRINCE ALBERT HOTEL**  
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First-class accommodation. Good sample rooms for commercial men. Bus meets all trains.

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Every accommodation for commercial travellers.

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Heated by steam. Lighted with acetylene gas. Hot and cold baths. Barbers shop in connection. Commercial trunks moved from and to station free. Rates 8c per day, including sample room.

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Good sample rooms and every accommodation for commercial travellers and the general public. Rates \$2.00 per day. Bus and from all trains.

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New Building, New and Commodious Bedrooms, Bath, Room, and Sample Rooms. Newly Furnished, Heated Throughout with Hot Air, Lighted by Gas. Electric Bells in every room. Cuisine second to none, and the best stock of Wines, Liquors and Cigars in Alberta. Miss Mitchell, Maitress.

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Large and convenient sample rooms and good accommodation for commercial men. Rates \$2.00 a day.

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Large and well lighted sample room. Hot air and electric bells and light in every room. Night Grill Room in connection for the convenience of guests arriving and departing by night trains.

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Special attention given to commercial travellers. Charges moderate.

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