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RECRUITING BY MAGIC LANTERN.

British War Office Employs Up-to-Date Pictures.

London, April 22.—The war office has found that the magic-lantern plays so large a part in procuring recruits that a circular memorandum has been issued to officers commanding at home and abroad, inviting units to send any photographs or films on army subjects which would illustrate the life of a soldier in the army.

These are intended to replace the lantern slides that are now used for recruiting lectures, and which are now regarded as obsolete. The slides thus replaced are those which are familiar to the civilian. They represent army types, pictures of soldiers of various corps in their distinctive uniforms.

Pictures of soldiers on the line of march, on guard, and at drill have ceased to have any attraction for the soldier serving abroad. Views of famous military stations in India and the colonies will be given, with types of the strange races he is brought into contact with on foreign service.

There is little doubt that this move, trivial as it may seem, on the part of the recruiting staff, is a step in the right direction.

The least attractive side of the soldier's life is too often presented, not only by recruiting lectures, but by the posters and leaflets employed by recruiting, more responsible for the preparation of recruiting literature have made no allowance for the existence of any system of popular education, with the result that the "big-drum-scarlet-and-gold" method used to lure the unlettered yokel of 1855 is still utilized to bring in men who are no longer to be attracted by brass bands and route marches.

Yonge Street Arcade Restaurant and Lunch Counter now open. Regular Dinner in Dining Room 35 cents, other meals a la carte.

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City Dairy milk in sealed bottles gives each customer the same quality of milk and keeps the milk pure from disease-laden street dust. It is the only way to serve private customers in large cities.

City Dairy milk, in bottles, 30 pints for \$1.00, 6 1/2 c. per quart.

Phone City Dairy, North 2040.

Attractions of the Niagara River For Seekers After Notoriety

Men Who Have Risked Death in the Whirling Waters of the Great Niagara for the Sake of Fleeting Fame.

Niagara Falls, April 22.—It is announced that Carlisle D. Graham has made an agreement with William J. Glover, Jr., of Baltimore to race thru the whirlpool rapids some time during the coming summer. Glover is said to be Maryland's champion swimmer, but he has never yet had any experience in the waters of the Niagara gorge. Graham has in the past twenty years performed remarkable feats there.

In 1886 he announced at Philadelphia that he would go thru the whirlpool rapids in a barrel of his own construction. The time was three years after Captain Webb, the English champion, had gone down to death in the terrible currents. Graham's statement caused people familiar with the Niagara River to laugh.

The steamer Maid of the Mist had previously to this been the only craft to carry human freight thru the gorge in safety and to think that a man in a barrel would excel the feat of Joel Robinson and his boat on June 6, 1861, seemed ridiculous. The conclusion was that the body of a dead Philadelphia cooper would have to be searched for between the rapids and falls should Graham attempt the feat.

When Graham and his barrel reached Niagara he was told this. Everybody said he was foolish; that he had no idea of the terrific force of the waves that tumble between the mighty cliffs of the narrowest part of the famous gorge, just below the great railway bridges.

Graham's Trip in a Barrel. Graham looked the rapids and the gorge over carefully and determined to make the voyage. He selected the afternoon of Sunday, July 11, 1886, for his performance. A great crowd gathered, many of them remembering how Webb went down to death and expecting to witness another and similar tragedy.

Graham was on time to the minute, and, protected only by his barrel, a boat towed him out into the main current and set him adrift. It was 4:50 p.m., and eight minutes later he was in the whirlpool. Within two minutes the barrel had passed out of the pool and was en route to Lewiston, where it was picked up and Graham found to be alive and uninjured.

This performance amazed everybody. It seemed also to belittle the power of the great rapids and the whirlpool. Elevator owners, hackmen and those who made a living thru the coming of visitors to see the "naughtiest bit of water in the world" began to call for a stoppage of such performances in the rapids, realizing that they could no longer tell people that the waters were unconquered. Webb's death had brought money to their coffers, for many people longed to look upon the waves that had beaten the life out of England's champion swimmer.

Gave Him Deafness as a Souvenir. Undaunted, Graham showed that he still had his nerve by announcing a second trip thru the rapids for Thursday, Aug. 19, 1886. He said he would keep his head out of the barrel, so that all who came to witness the performance might see him. There was a bigger crowd than at his first exhibition.

It was a remarkable sight to see the barrel boat with a human head above it bob up and down thru the waves. One moment it would be high in the air, the next out of sight under the foamy wash of the rapids.

This time Graham landed in the whirlpool on the Canadian side, the stream failing to shoot his barrel into the currents of the outlet. In the passage thru the rapids the wave that killed Captain Webb struck Graham a terrible blow on the side of his head, and from that day to this he has never heard a sound in that ear. Thus did the rapids give Graham something to remember.

On June 15, 1887, Graham made a third trip thru the rapids, and on Aug. 25, 1889, he used a much smaller barrel in making a fourth trip, passing entirely thru the gorge to Lewiston.

Graham's performances attracted others to Niagara in search of fame. Among them were George Hazlett, William Potts and Sadie Allen, all barrel navigators.

From Boston came William J. Kendall, a policeman, who made the swim thru the rapids wearing a life-preserver. James Scott of Lewiston went down to death in trying to swim from the whirlpool to Lewiston. Charles Alexander Percy made several boat trips, on one of which from the pool to Lewiston he was accompanied by William A. Dittick.

Flack's Unhappy Fate. Robert William Flack journeyed from Syracuse to Niagara, bringing with him a boat about which he threw much mystery. Strapped to the seat, he made the trip thru the rapid on July 4, 1888.

The craft was chinker shaped, and just as Flack was mounting the last wave of the rapids and was being shot into the whirlpool his boat was upset. Suspended from the seat, held fast by the "life-saving harness," he was drowned, while hundreds stood on the cliff unable to lend a hand.

For one hour and ten minutes his body drifted about the tossing waters of the great river pocket, until finally his boat was caught on the Canadian side and towed to shore. The watchman on Sunday, Sept. 15, 1889, Walter G.

Campbell of Youngstown went thru the rapids in a small boat. He was thrown out and forced to battle for life with the waves, but he landed in the whirlpool. His dog companion was lost.

Next came John Lincoln Soules, who was unable to get into the main current, and landed on the rocks on the Canadian side with an injured leg. For ten years the waters of the rapids knew no seekers after fame, until on June 3, 1900, Peter Nissen of Chicago, made the trip seated in an open cockpit of a boat he had made. This again turned attention to the rapids, and on Sept. 7, 1901, Graham swam from the whirlpool to Lewiston.

Maud Willard's Sad End. This was to have been a double stunt, for Maud Willard voyaged thru the whirlpool rapids to the pool in a barrel. It was Graham's intention, had the barrel gone out of the pool, to have accompanied it to Lewiston, but the currents of the whirlpool did not give up the barrel and its human freight until late that night, and poor Maud Willard was found lifeless in the barrel. A dog that accompanied her was alive.

After waiting for the currents to release the barrel, Graham made the swim, returning to the pool to assist in the rescue of Miss Willard. Her mother died of a broken heart about a month later.

Graham has swum from the pool to Lewiston since then, but not since Maud Willard died has he been thru the whirlpool rapids. Nissen made his second trip, and Martha Wagoner further made the barrel voyage, while Mrs. Annie Edson Taylor made the plunge over the Horseshoe in a barrel of Kentucky oak, taking the barrels away from all other Niagara performers.

Since Graham's first performance at Niagara he has been growing old. His hair is streaked with grey, and his strength is not what it was twenty years ago. Niagara Falls folks who know him best are wondering if his remaining strength will be equal to the task of a race thru the waters that killed Webb, that killed Flack and that killed pretty Maud Willard.

BRIDGE OVER VICTORIA.

Great African Cataract Successfully Spanned.

The British South Africa Company are informed by their engineers, Sir Douglas Fox and partners, that the great bridge—the highest in the world—over the gorge at Victoria Falls, on the Zambesi River, has been linked together. Several eminent travelers have made some attempt to describe the Victoria Falls, but have given it up. There is to-day one fall, to-morrow three falls, the next day five, and so on, according to the time of the year and the state of the river as affected by the rainfall. It may generally be stated that the falls, when in flood (about December) are one mile and a quarter wide, the water is precipitated into a gorge from 450 to 500 feet deep and 250 feet wide. The vapor clouds, which at the summit are black-capped, which at times nearly 700 feet above the falls themselves, and consequently (from the river below) close upon 1100 feet, and are a marvelous sight. The bridge, which was safely completed on Saturday, is stretched a distance of 450 feet, and exactly 450 feet above the water. From the new bridge can be seen in the waters below an inverted rainbow in perfect form and of perfect beauty.

About an Every-Day Article in Use. How often is it that things we see and handle many times in a day are seldom thought of. How few of those who possess a watch have ever thought of what is expected of it, and the work it has to do.

This little machine is expected to work day and night without stopping (as our pulse has to work from birth until death). We expect it to show us the right time in winter and summer, and in whatever position it is placed. Now, when we open an ordinary gentleman's Geneva horizontal watch, we can see the balance about five-eighths of an inch in diameter, which gives a three-quarter's turn at every tick of the watch, so that the little pin seen in the balance travels, at every tick of the watch, about one and a half inches; and as a watch of that description has to make 18,000 vibrations in an hour, the little pin has to make a journey of about ten miles every twenty-four hours.

Now, well-made watches are generally expected to go for two years, so the little pin in the balance would have made the long journey of 7300 (English) miles.

The balance in a lever watch makes generally one and a half turns at every tick, and therefore, travels double the distance—viz., 14,000 miles. To be able to accomplish this, all the materials must be of the best and hardest; the oil also must be of the best, and so fine and fluid that one drop will suffice to oil 200 pivots (or bearings), and keep good in the watch for at least two years.

Equally astonishing are the means by which a watch is regulated. This is done by lengthening or shortening the fine spiral spring, generally known as the hairspring.

If a watch should be a minute slow a day, the hairspring is the 14,000th part of a second too long. Should a watch be only a minute a week too slow, it would be then be the 98,000th part of a second too long.

All that is expected of the user of a watch is that it is regularly wound up, and be not too carelessly treated. Everything also has to be left to the mechanical skill of the watchmaker.

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QUEEN'S GRADUATES.

Arts, Science and Theology Lists Posted on Saturday Afternoon.

Kingston, April 22.—(Special.)—The following list of graduates in arts, science and theology was posted this afternoon at Queen's:

Master of arts—E B Asselstine, B.A., Wilton; Elizabeth C Asselstine, B.A., Asselstine Postoffice; S E Beckett, Kingston; N F Black, Springfield; N A Boland, Killaloe Station; A M Bothwell, Perth; D R Cameron, Lancaster; L P Chambers, Woodstock; Grace L Conner, Kingston; Roskie Elder, Elder's Mills; Wilhelmina Gordon, Kingston; R D Guy, Camden East; Ida E Hawes, Pasadena, Cal.; L E Knapp, Battersea; L Malcolm, Stratford; P F Munro, B.A., Aylmer; J M McDonnell, Kingston; L M McDougall, Brockville; S McD Polson, Kingston; Elsie E Saunders, Kingston; W W Swanson, Oshawa; N B Wormwith, Kingston.

Bachelor of arts—S Anglin, Battersea; N H Anning, Oxmead; C F Bell, Winnipeg; R W Beveridge, Port Elmsley; A Bright, Montreal; Isabel S Bryson, Ottawa; E B Cathro, Lindsay; H J Clark, Belleville; C J Curtin, Brockville; Helena Dadson, Union; W G Down, Erin; H Dunlop, Kingston; J Fairlie, Kingston; J P Finn, Kingston; W S Fleming, Franktown; H J Folk, Kingston; D A Gillies, Carleton Place; C W Graham, Kingston; W G Grove, Ringwood; A T Hadden, Toronto; W G McD Hay, Kingston; Reta W Hiscock, Kingston; F A Jones, Ottawa; W A Kennedy, Stratford; A J Kidd, Prospect; W Knight, Belleville; C G Leitch, Dutton; Muriel C Lindsay, Portsmouth; S Couch, Nelela, Man.; H P May, Little Current; Kathleen M Michael, Perth; W H Montgomery, De Grasse, N.Y.; Maggie B Munro, Sine; J N McCutcheon, St. Thomas; J Macdonald, Deseronto; Florence MacGillivray, Kingston; Annie K MacGregor, Almonte; D A McGregor, Tiverton; Grace C McGregor, Almonte; E C McLeod, Golsple; N McLeod, Dunvegan; Ethel L Ostrom, Alexandria; J E Parson, Toronto; W R Pearce, Wallacetown; J F Pringts, Cornwall; Lulu Reid, Kingston; J B Robertson, Toronto; Jean McN C Scott, Kingston; R A Scott, Walkerton; Helena A Sharp, Odessa; Jessie W Singleton, Kingston; J A Speers, Alliston; R McK Stevenson, Bridgetown; W J Watts, Walkerton; Florence J Williamson, Kingston; H S Wood, Peterboro; W L Uglow, Kingston.

Bachelor of science—C W Baker, electrical, Kingston; G C Bateman, mining, Kingston; D D Cairns, mining, Columbus B.C.; C T Cartwright, min-

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TICKETS FOR SALE—"PARSIFAL" tickets, "A" row balcony and gallery, for Tuesday evening. Apply 11 St. Patrick's street.

ing, Kingston; E A Collins, mining, Copper Cliff; A L Cumming, civil, Cornwall; T E Fairlie, civil, Kingston; R G Gage, electrical, Riverside, Cal.; J R Grant, civil, Chesley; E W Henderson, electrical, Almonte; W A Johnston, M.A., civil, Athens; O M Montgomery, electrical, Lanark; W L MacIlquham, electrical, Lanark; J G MacPhail, civil, Orwell, P.E.I.; H H Scott, electrical, Perth; J Sears, civil, Kingston; D Sloan, mining, Perth; B O Strachan, mining, Kingston; W C Way, electrical, mechanic, Lindsay; Albert Wright, mining, Brockville. Mining engineer—E T Corkill, B.Sc., Sydenham.

Testaments in theology—J H Miller, Avening; L Macdonnell, M.A., Toronto; W J McQuarry, B.A., West Bay, C.B.; C C Strachan, B.A., Glencoe, Ont. The convocation will take place on Wednesday afternoon next.

To the Island To-Day.

The Toronto Ferry Company will give a 20-minute service from Yonge street wharf to the island, beginning at 1 o'clock.

"Chop Cut Smoking Mixture."

A blend of the Mildest and Purest Virginity and Latakia Tobaccos.

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