

thread, and consequently the breech of the gun is either lowered or raised through a space equal to the sum of the two pitches.

This apparatus is simple—it is worked easily and rapidly. It has stood 230 rounds without injury. On the *Vaccateur* carriages, where the pin which connects the gear to the under side of the carriage may occupy three positions in two plates having holes in them, the limits of the vertical field of fire are 7° depression and 25° elevation.

The apparatus could be adapted to breech-loading guns, if instead of being attached to the carriage, it were connected to a forked piece hinged against the cheeks of the carriage near the trunnions, and supporting the breech.

(Signed) A. GODIN,

Chef d'escadron de l'Artillerie de la marine, Member of the Bourges Experimental Commission.

THE attention of our readers is requested to the memorandum of the "Royal United Service Institution" following. It is a matter of regret that so very few of our volunteer officers are corresponding members of the noble institution, and it does not argue well for the enterprise of Canadian soldiers to find that they have not hitherto largely availed themselves of the advantages it offers to those desirous of obtaining a complete knowledge of the professional subjects of the day. We know that there are officers of the Canadian Army thoroughly capable of dealing with any military subject, and it is to be hoped that in this instance those gentlemen will be induced to compete for what may truly be called the Red Ribbon of the Institution—the *Gold Medal*.

MEMORANDUM

"The Council having decided that a Gold Medal be granted annually for the best Essay on a Naval or a Military subject, to be determined, each year, by the Council, make known the conditions of competition:—

- (1) The candidates must be officers on full or half-pay.
- (2) The Essays shall be on matters connected with the Army and Navy, alternately, commencing this year with a Military subject.
- (3) The Essays must not exceed 32 pages of the size and style of the "Journal."
- (4) The Essays must be forwarded to the Secretary, on or before the 1st December in each year.
- (5) The Essays must be strictly anonymous, but each to have a Motto, and be accompanied by a sealed envelope with the Motto written on the outside, and the name of the candidate inside.
- (6) The Essays will be submitted for decision to three Referees chosen by the Council.
- (7) The successful candidate will be presented with the Medal at the Anniversary Meeting, and his Essay will be printed in the "Journal."
- (8) The subject for the following year will be announced at each Anniversary Meeting.

The following is the subject for the Essay to be rendered on or before the 1st December, 1874—

'On the best mode of providing recruits, and forming Reserves, for the British Army; taking into consideration its varied duties in peace and war.'

By order,

B. BURGESS, Capt.,
Secretary.

Whitehall Yard, London,
3rd March, 1874.

We publish to-day the Syllabus of the Quebec School of Gunnery, under the command of Lieut. Colonel T. B. STRANGE, R.A., and from the general features of the system pursued at that school we should say it would bear a more than favorable comparison with any other similar institution that we know of.

The VOLUNTEER REVIEW has already published some of the examination papers of the officers under training at the School, and they have attracted the attention of Military Critics in Great Britain and the United States who have not been sparing in their commendation of the ability and technical knowledge displayed therein.

We have received a copy of a Report on the Military Academy at West Point, U. S. by Lieut. Col FLETCHER, Scots Fusilier Guards, and Military Secretary to His Excellency the Governor General of Canada. We will notice and republish this valuable work next week.

REVIEWS.

THE ALDINE FOR JUNE.—"On the Missisquoi," is the first full page picture, showing the rush and swirl of water, and the rocks and woods of this enchanting river. Another picture, the whole series being from the pencil of Thomas Moran, is "A Glimpse of the Missisquoi," as it winds through a peaceful valley, full of quiet beauty. A large full page picture gives the beholder "The Missisquoi at Sheldon Springs," a well known summer resort, noted for the romantic beauty of its scenery, "Mount Mansfield from Rice's Hill," is the last of this admirable series. A great panorama of some forty miles of the noble Green Mountains is shown in this picture. Arthur Parton contributes a full page "Scene on the Shenandoah," which depicts the grand and remarkable scenery near Harper's Ferry, where the waters of the Shenandoah unite with the Potomac, a point which charmed Jefferson. Other pictures in this number are "Almost a Dinner," after Guido von Maffei; a beautiful cut of a red deer, called "A hard run," after Specht; "A Turkish Court Yard Scene," in which a gypsy is dancing before a group of Turkish women; "Such a Shot!" by John S. Davis, a picture of real life, showing how, when boys, we went hunting, and met difficulties in the path; and a life like portrait of John Lester Wallack, the great actor, and the last of his names on the American stage. A better list of pictures, of greater variety, and more general interest could hardly have been selected. The literary contents of this number of *The Aldine* are of greater variety and extent than usual, but want of space prevents our particularising. James Sutton & Co., publishers, 58 Maiden Lane, New York City.

CORRESPONDENCE.

The Editor does not hold himself responsible for individual expressions of opinion in communications addressed to the VOLUNTEER REVIEW.

To the Editor of the VOLUNTEER REVIEW.
Citadel, Quebec,
22nd May, 1874.

SIR.—As you published in your last issue of the VOLUNTEER REVIEW, the curriculum of the Staff College of the British Army, it might interest some of your numerous readers to see the Syllabus (copies herewith) of instruction given at a Canadian Gunnery School, without any aid from a Staff of professors, and subject to the interruptions of Regimental duty and charge of Armaments &c., in a large fortress with an utterly inadequate Garrison. On a previous occasion you published some of the examination questions and answers, more of which are at your disposal if you desire to publish them.

I am, Sir,

Your obedient servant,
GEORGE STEWART Sergt.

"B" Battery Gunnery School, Quebec.

SYLLABUS OF OFFICERS' LONG COURSE GUNNERY SCHOOL QUEBEC.

To be able to instruct in

Gun drills } and Practice
Mortar drill }
Gyn }
Shifting Ordnance.

To have a good knowledge of

Infantry drill
Riding drill and Stable studies
Field Artillery movements and positions
Artillery Material and stores
Examination and Sighting Ordnance
Laboratory Operations
Construction of Siege batteries, raffles, and bridges
Gunnery and applied Mathematics
Fortification and Sieges
Military surveying and Reconnaissance
Tactics of all arms, Strategy, and Military History of one campaign
Interior Economy, Regimental duty, and charge of Armament of the fortress
Queen's and Militia regulations, and Articles of War as applied to Canadian Militia.

T. B. STRANGE, Lieut. Col.
Commandant S. G.

We have to thank the gallant Secretary of the "Royal United Service Institution" for an uncorrected proof of the very valuable lecture on "the Strategic Importance of the Military Harbors in the British Channel as constructed with defensive and offensive operations. As it is intended for private circulation only, we cannot review it till it has been published in the Journal of the Institution, but as we can assure our readers that it is a subject of great professional as well as political interest.

To CORRESPONDENTS.—We regret being under the necessity of leaving over to next issue VIEILLE MOUSTACHE 3rd letter.