be kenorable, there is precedent enough to show that it will be preferred by young officers to a more lucrative employment; but a guranteo might, if thought advisable, be exacted that at least five years, arrespective of the time passed in their educa tion, should be given to the State. Judging however, from the example of other armies. slowness of promotion is more to be feared than failure to embrace a military career after a military education.

Such given very generally and with outlines merely sketched in is an attempt to adapt the system of West Point to the 1equirements of the Canadian Militia. Those who know the country, are best aware whe ther the plan is feasible, but if the idea of establishing military college is put into practice, it may be well to consider how far so successful an institution as the Academy at West Point can be imitated in a country where the conditions which lead to its fourdation are somewhat similar, and where the end in view is not unlike that which present. ed itself to the statesmen who assisted in the development of the military system of the United States.

In this paper I have dealt only with general principles, but if further information be required, I shall be ready—as far as lies in my power- to discuss the details connected with the formation of an Academy of which the system and object would somewhat resemble those of West Point.

> H. C. Fletcher. Lt. Volonel Scots Fusilier Guards,

> > Military Secretary

ENGLAND, THE WORLD'S BANKER.

(London [May 21] cor. N. Y. Balletini,

It is interesting to notice the fact that, whereas England has so wonderfully thriven through the demands upon her trade by the nations of the world, she has in turn become the banker of every nation, loaning them capital whenever wanted. In this respect, the heaviest demends have been made dur ing the ten years from 1862 to 1872 either indicating an increase during that period of internal and costly dis urbances, as in the United States, and in France, or the accum mulation of progressive ideas. England herself in that time decreased her debt, owing to her own people, \$175,000,000; the only other like instances being Holland to the extent of \$30,000,000. On the other hand, we find that the above named governments in that time have prodigiously increased their indebtedness -- France to the extent of \$2,500,000.000, and the United States \$1,750,000,000. It is somewhat of a financial surprise to find that Italy ranks next; that country is now groaning under a burthen of \$1.250,000,000. Then follows Spain, with an increase during the decade of \$1,000,000 000, perhaps less able to see her way through liquidation than Italy. Russia with her vast domain, and energetic emperor, and imbued with ideas expanding to a proper appreciation of her prodigious internal resources, had only added the lighter burden \$550,(XK) (000. Next on the list is Turkey, adding since 1862, \$535,000,-000. Austro-Hungary has incr ased \$450,-000,000; Egypt, \$350,000,000; Brazil, \$275, 000,000; Portugal, \$200,000,000; and Peru, \$160,000. Other states have increased in lesser amounts, but, perhaps, heavier in citadel, at a depth of six or seven feet from angin the suip. And, finally the cost of conproportion to their ability to carry; whilst the water-line, will cut off all this unarmor struction is estimated at about 30 per cent Mexico, Greece, Ecuador and Venzuela have cd upper portion from the real hold of more than the ordinary deck house,"

one was found wiking to ban. According to the figures previously gir a, I found the aggregate of national securities subscribed for and dealt in here to reach the stupendabus amount of \$11.113,585,105, a sum, great as it is, very for short of the actual indebtedness of the nations meladed in the summary. Upon the authority of "Fermon the Funds," it appears that \$10. 000000 0 "), af indebtedness were added dur ing the period 1862 and 1872 of whichmore han less one half was directly referrable to wer, in which the United States and France were the most conspicuous, expending joint by \$4,259,000,000 and that by no means inclading all the disbursements occasioned by the wars in which they were unfortunately engaged. The other half of the augmented debt, it is estimated, has been put to ingher, purposes than human destruction, but only a pirt of that half can be clearly traced The sum of \$6,075,090 000 went into the state coffers of Russia, Spain, Turkey and Egypt. The first spent a portion of this, in building railroads, not wholly intended to cultivate the arts of peace. The second applied part in the development of internal industries. Concerning the disposition made, of her quota by l'arkey, very attie is clearly known. The especies of the head of the state, the costly construction of non claus, and sustemmee of corrupt officials may have spared but a small portion for duect application to reproductive works. Egypt, the vassal state, presents a better record. The khedive can point to the Saczemal and instance other works connected with the industrial progress of his people. With regard to the colonies and India borrowing during the period named \$235,00,000, no part was used as blood money, all of it hav ing gone to remoductive purposes and the civil uses of the state. England, it will be seen, has been no borrower; on the con trary, diminishes her debt, manificently aids perceful progress of her dependencies, and banks for the nations of the world, all of whom are her debtors.

LATEST IRON CLAD. The London Daily Telegraph says, "Mention was made on Monday in the House of Commons of the building for our may. The belief of Admiral Elliot that the days of armour playing are nearly over, is certainly not justified by this extraordinary vessel. The exact draw ings and particulars of her built are very naturally kept from public knowledge, but we may, without any breach of patriotism, give a general conception of the design adepted in this the youngest of our non clads. What may be called the distinguishing characteristic of the Inflexible is that she will have, in the sense of vulnerability, no "wind and water line" at all, Every one must know that the virais of a man o' war lie along the belt of her flotation -a breech of her sides in that region lets in the sea and swamps her. The Infl-xible carries all her side atmour upon a central space 110 feet in length. It is twenty four inches thick, and protects with that monstrous wall of solid non her engines, her screw, and her battery of four eighty ton guns. Along the rest of her-fore and aft-there is no vertical armour, but a thick inside cushion of cork of a remous busy mey, more than sixty fee s jame in section,

nduce them to embrace it. If the service frem sined stationary for the reason that no the vessel. Thus if the enemy should send shot or shell through every coal bunker and corner of the Inflexible, forward and aft, letting in the water everywhere, he could only—if the design answers expectation—lower her a single foot in the sea. Her citadel, it may be confidentally expected, he could not pierce; at any rate with guns at present in use. In a word, the constructors of the Infiexible give an enemy the upper slices of the ship, except her citadel, to do as he likes with; and it is by making the ends florting under any circumstances that the iron works of the ponderous citadel, with its turrets and freeboard, can be curied. The iam and the torpedo are therefore the only perils which threaten this forthcoming fighting ship; but perlmps these also might be provided against if her bottom under the water deck were constructed in many compartments. Enough however, has been already hinted about our newest Behemoth to show that, whatever her success, the age of armour plating is certainly not ended yet.

> The Rev. W. R. Johney, R.N., has invented a method of prevening loss of life at sea, which he calls the "patent deck house," or "ark saloon." It is, in fine, utilisation of deck houses for the purpose of preserving life, by making them water tight, and of such a form as to float easily apart from the ship itself. The Ark Saloon 13, in fact, an ark shaped structure or chamber placed upon the dek of an ordinary ship, in lieu of the usual deck house. It is bolted to the main deck in such a manner as to be very easily cast addit, or rather affort, should the vessel be found to be in a sinking condition. The saloon is lighted by skylights in the roof, for which, of course, dead lights are provided. The sability and buomey of this extraordinary vessel, for we may consider it as in itself a separate craft, are said to be remarkable. "Its stability," says a writer in Colburn's United Service Magazine, "is secured horizontally by tumbers fitted closely round its base, which are fastened by strong iron teeth and bolts into and through the ship's beams. Still further to prevent all posibility of its moving horizon. tally, rows of spikes fore and aft, like those in a cricket shoe, are placed so as to fit into holes prepared for them in the main deck." It is calculated that an Ark Saloon of six or seven feet in height will, when affort, draw about two feet of water. As compactness must obviously be one of the first considerations in a patent safety vessel of this character, Mr. Jolley has contrived to almost apply every part and almost every fitting to two or three different uses. For example, the sides are lined with galvanized iron tanks, which, according as the exigencies of the occasion may require, can be used either as receptacles for fresh water and provisions or as water tight compartments to add to the buoyancy of the vessel. The saloon tables turn out to be only a moreable keel, and a locker for the masts, sails, rigging, etc., of the ark. "The Ark Saloon," Mr. Jolley says, " is of stronger construction, and more securely fixed to the ship than the ordinary deck house. It a. ords a commodious poop deck, and has a clear passage around it for working the ship. It is perfectly navigable and even weatherly vessel when affort. It supersedes the surrounding bankers tun of old for the necessity for a large number of lifeboats in supply of the ship. A horizontal deck of passenger, troop, or emigrant ships. It thick metal extending fore and aft from the jutilizes material and resources already existing in the ship. And, finally the cost of con-