

THE HAY RIFLE PERISCOPE was invented by **LIEUTENANT J. MERRITT HAY**, of Owen Sound, Canada, April 1915, who is now on active service with **THE CANADIAN EXPEDITIONARY FORCES**. Patents have been applied for in Great Britain, France, United States, Russia, Italy, and Canada. Arrangements for its manufacture and sale have been made with The Northern Electric Company, Limited, Montreal, Canada, who are well equipped for turning them out in large quantities on short notice.

THIS invention of Lieutenant Hay was inspired while he was studying for a Captaincy after joining the Third Canadian Contingent, and with a view of helping save the lives of the Allied Soldiers. It is particularly adapted for use in the present war in view of the fact that the struggle has resolved itself largely into trench warfare, house fighting and fighting from every kind of cover. This device puts the marksman completely under cover, when firing at the enemy.

When Lieutenant Hay first conceived the idea he wrote to Major General, The Hon. Samuel Hughes, M.P., Minister of Militia and Defence for Canada. At once the General sent for him to visit Ottawa, the capital of the Dominion. He took with him a crude hand-made Periscope. General Hughes was so impressed with it that he invited Lieutenant Hay to submit it for inspection to Sir Robert Borden, the Premier, and Cabinet in Council assembled. The Minister of Militia then directed Brigadier General Bensou, Master General of Ordinance, and Lieutenant-Colonel Helmer, Director of Musketry, to test the Periscope out on the Rifle Ranges, which they did on two occa-
