

NDIA International Small Arms Symposium, Exhibition &
Firing Demo
2008



***“Hiram Maxim and His Machinegun:
A great force harnessed to a useful purpose”***



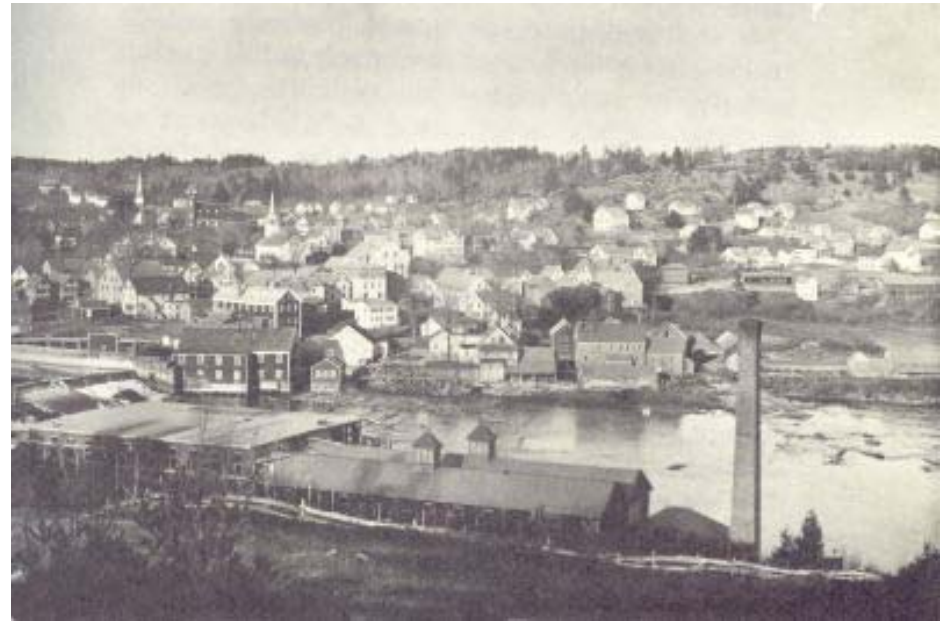
By Stephen C. Small, Ph.D.



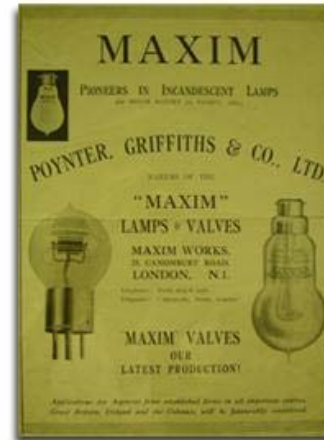
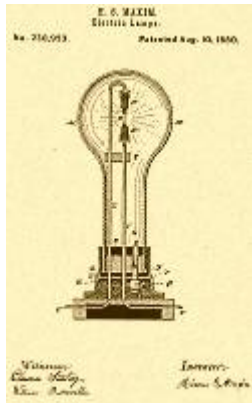
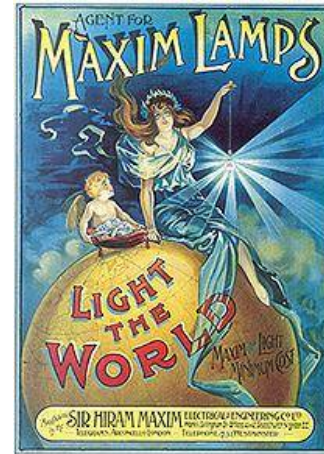
Agenda

- The Early Years
- His Automatic Machinegun
- Marketing the Maxim Machinegun
- Colonial Wars
- Ordnance Department Tests
- 20th Century Warfare
- The Human Cost
- Summary

The Early Years



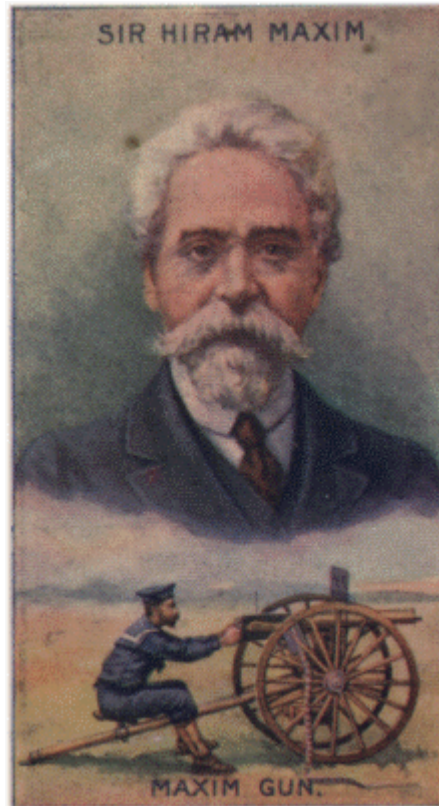
The Young Inventor at The United States Electric Lighting Co.



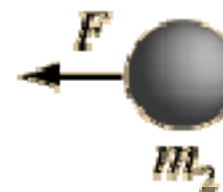
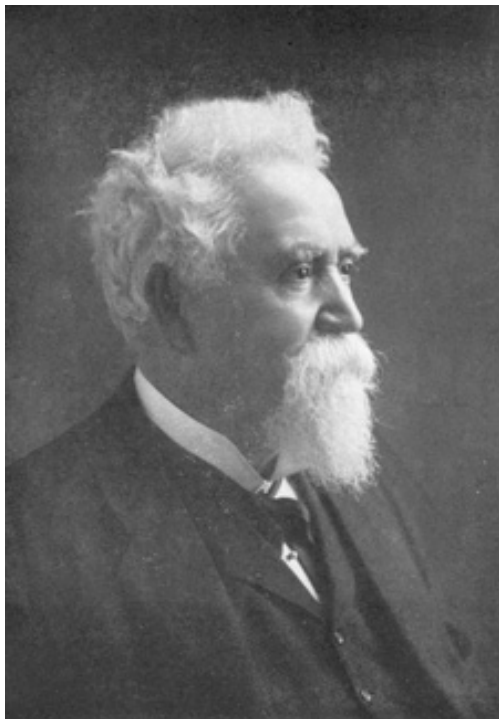
Embarks for Europe



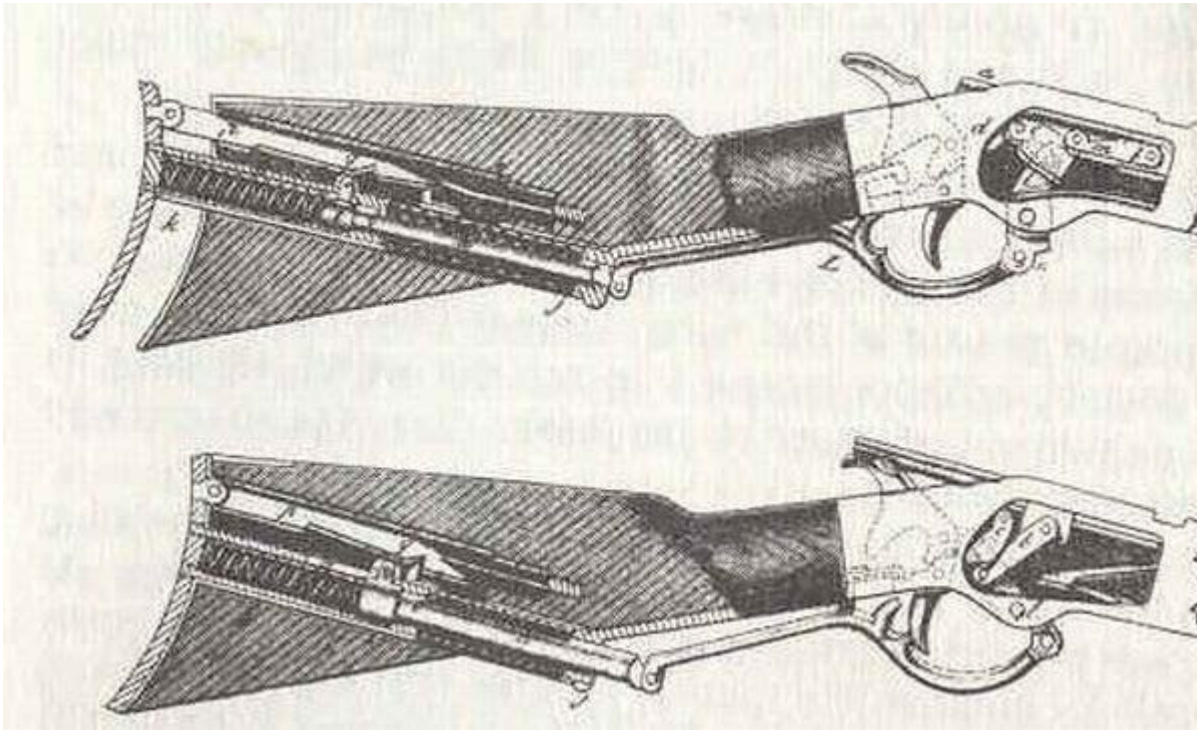
His Automatic Machinegun



“Cannot this great force be harnessed to a useful purpose?”



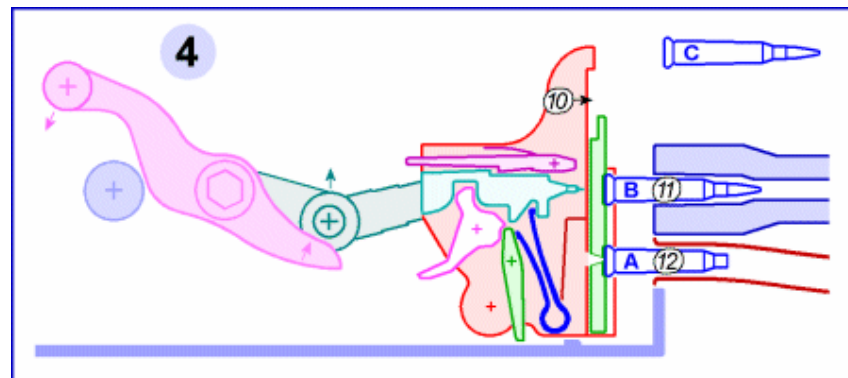
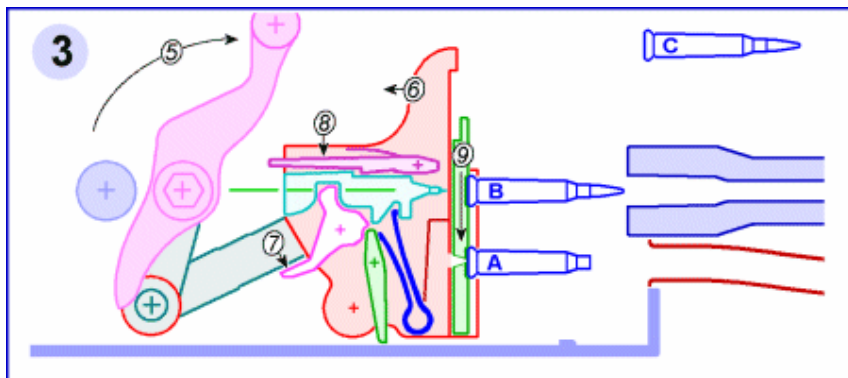
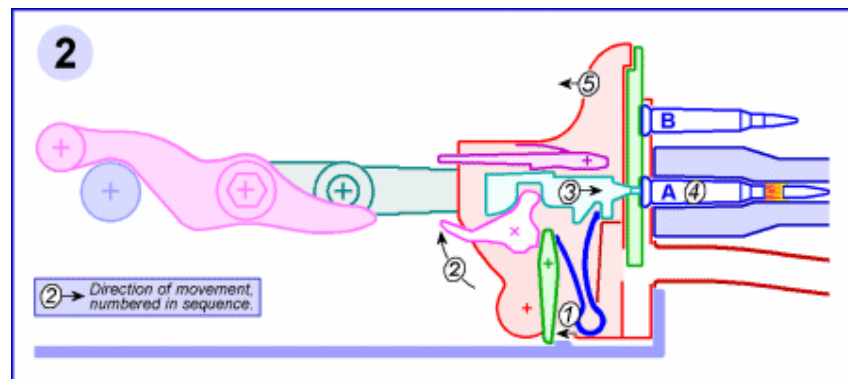
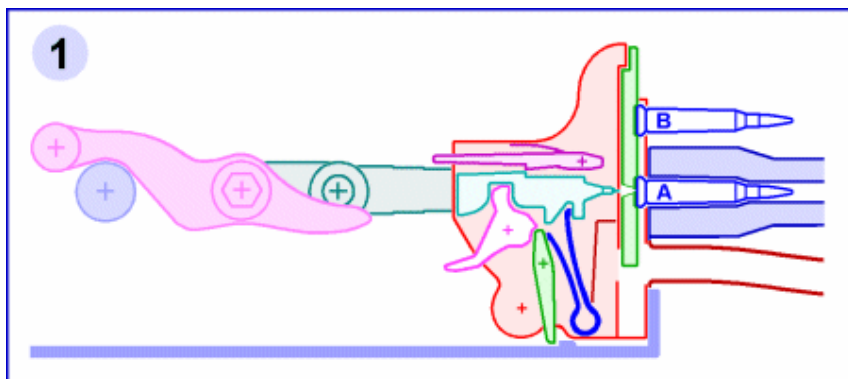
1884: The Initial Attempt



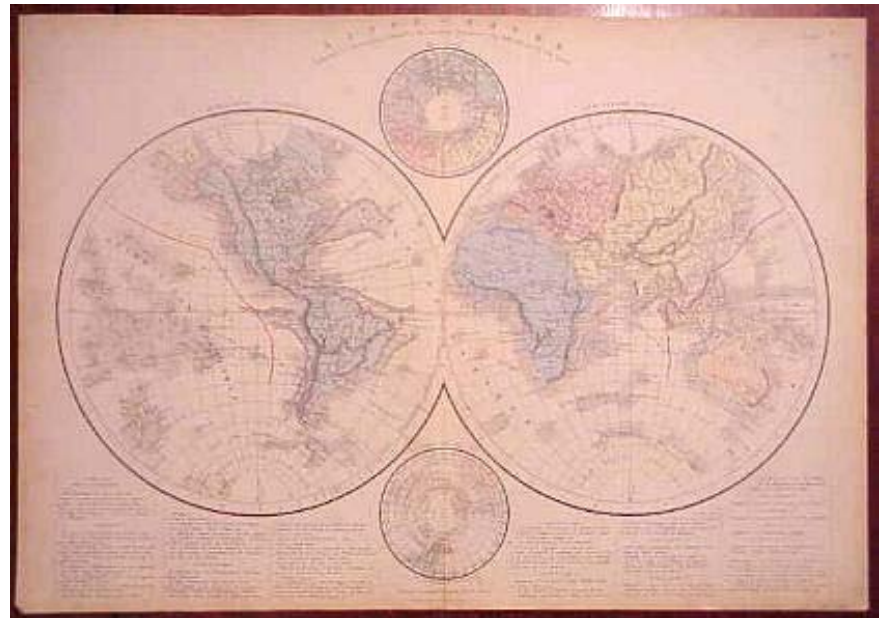
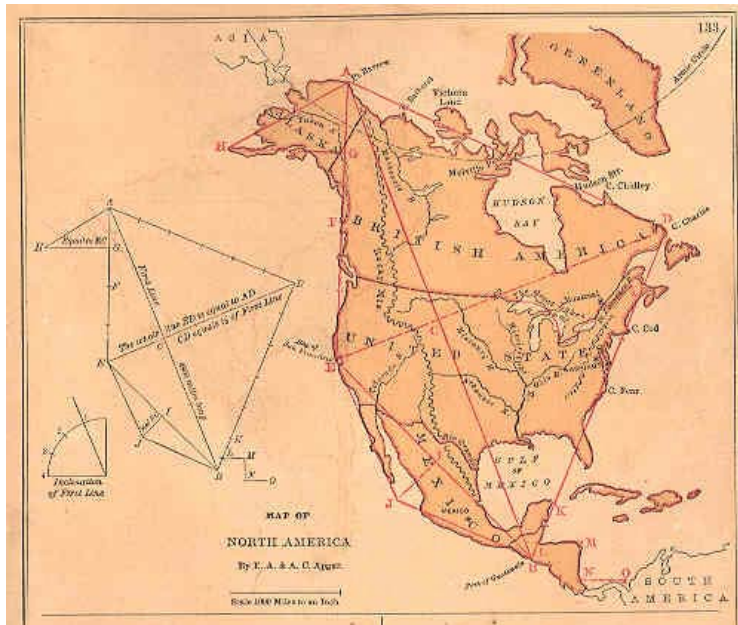
1885: The First Recoil-Operated Machinegun



The principle



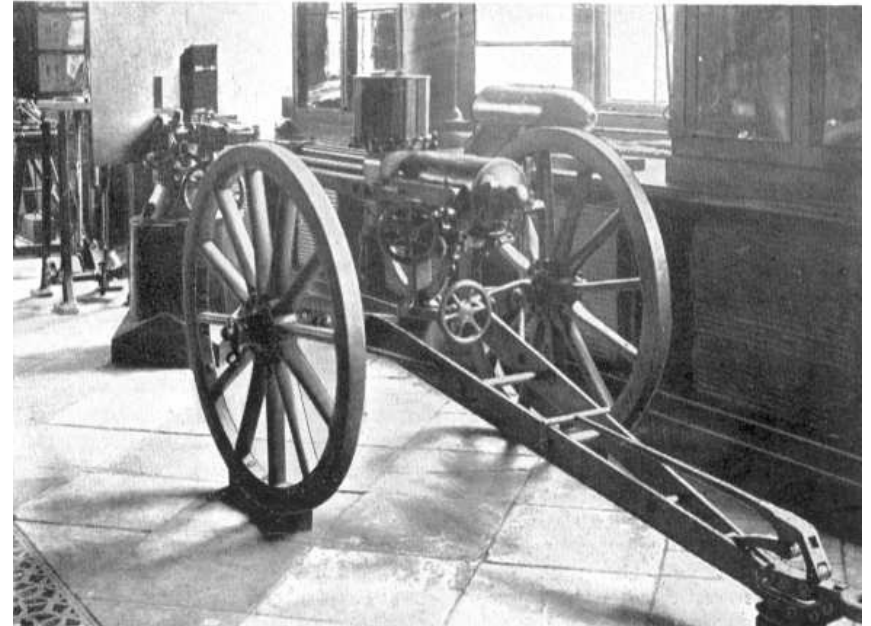
Marketing the Maxim Machinegun



1888: The Testing of the Maxim by U.S. Army

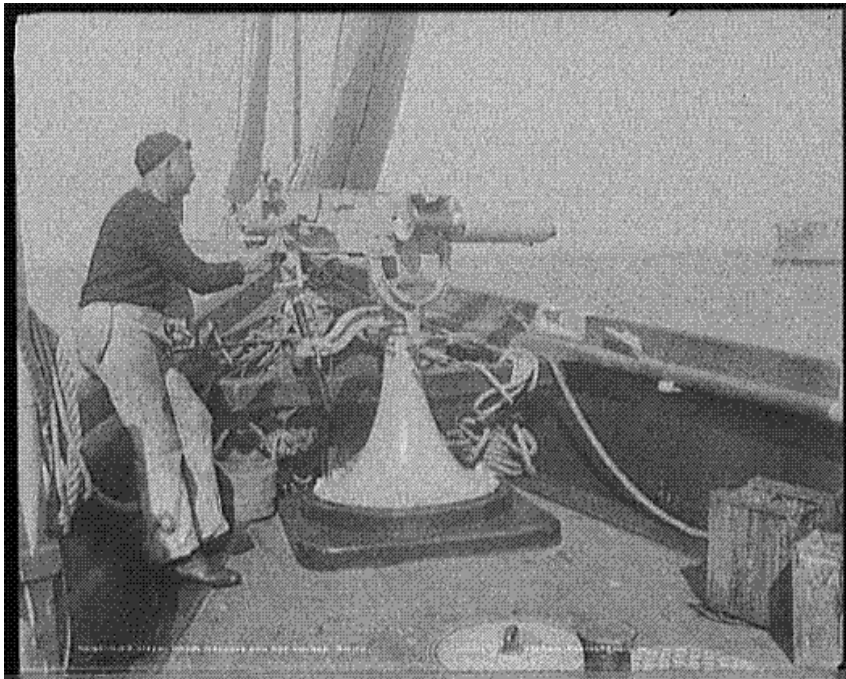


Prototype Maxim Machinegun



Gatling Gun

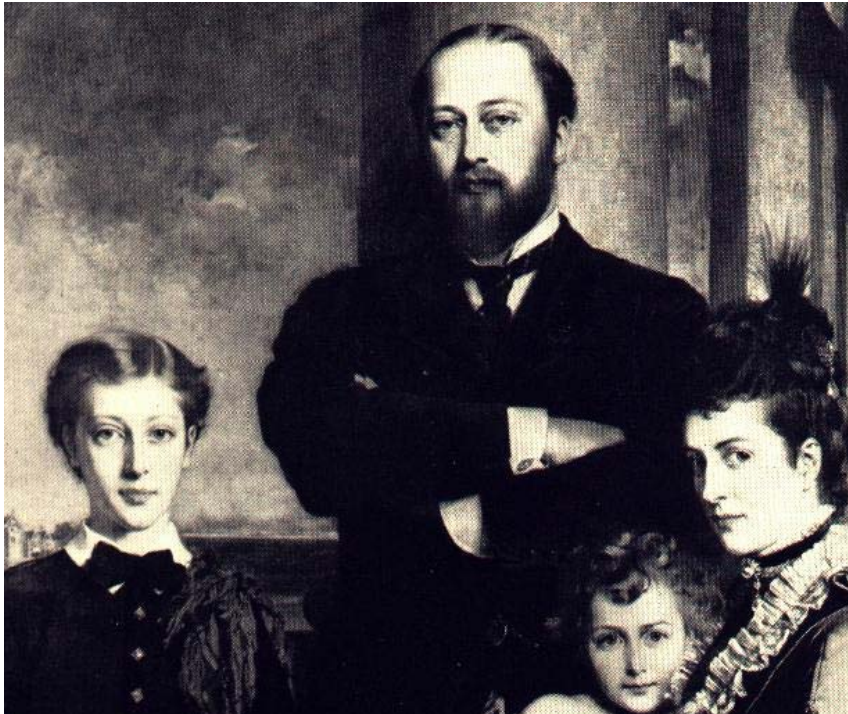
The U.S. Navy Adopts the Maxim “Pom-pom” Gun



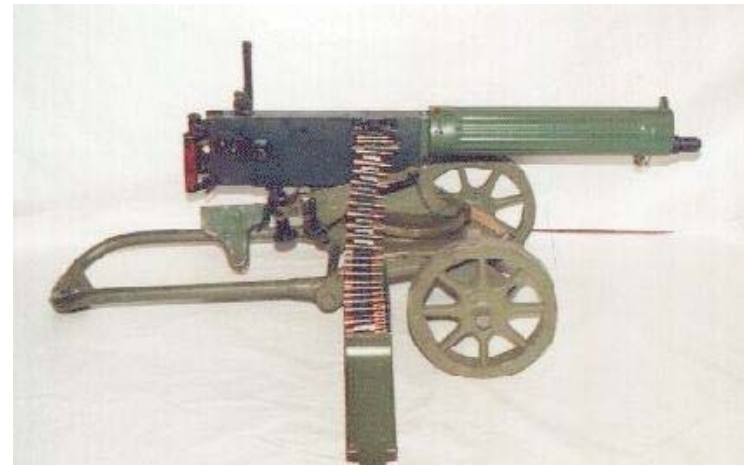
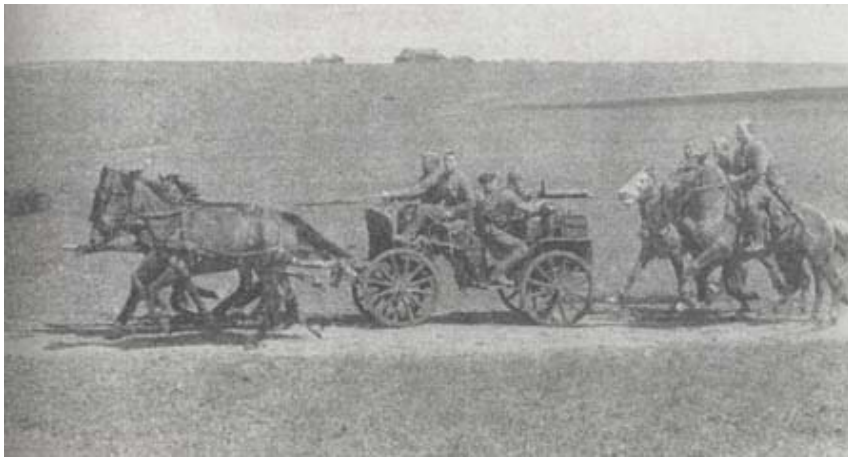
1893: Maxim sold his new weapon to the British Army



The Prince of Wales



The Russian Army



Kaiser William II

“This is the gun; there is no other!”



An International Best Seller



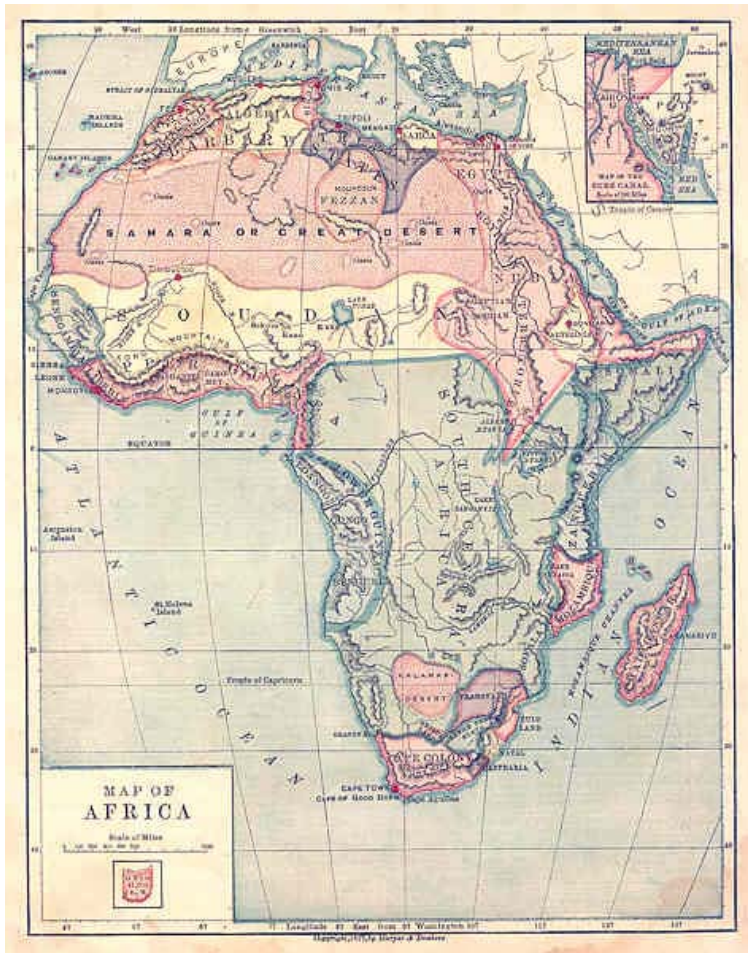
knighthood from Queen Victoria



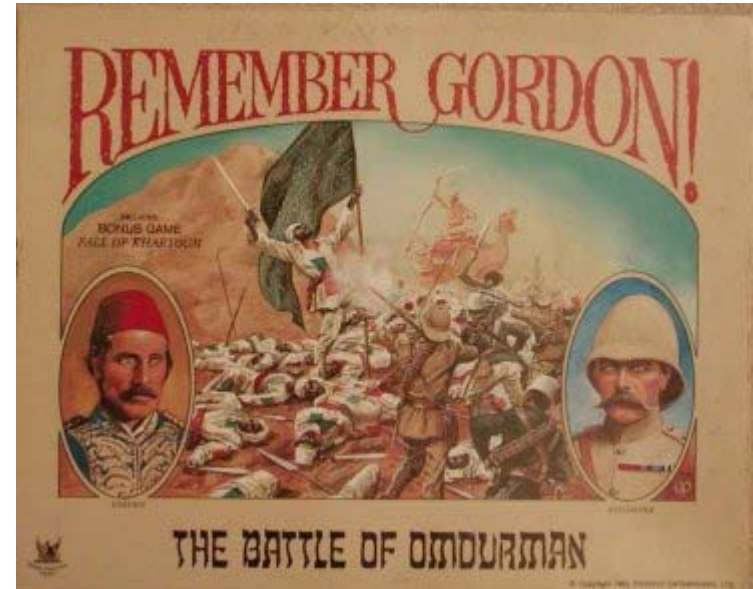
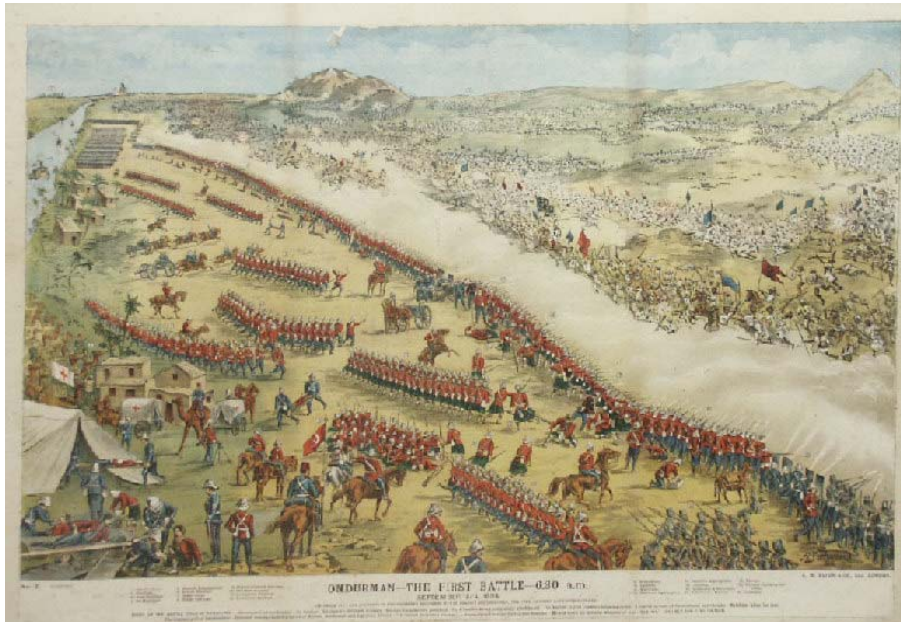
Colonial Wars and Insurgences



1893: The Matabele War



1898 - The Battle of Omdurman



1899 - Philippine Insurrection



The Ordnance Dept. Tests Machineguns



The U.S. Ordnance Dept. Tests the Maxim Gun - Again

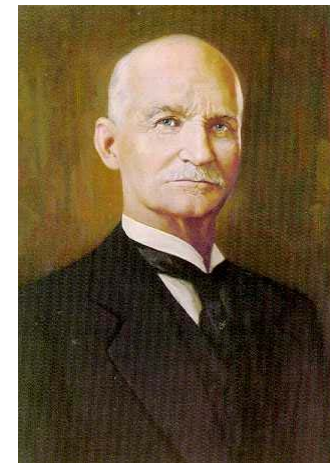
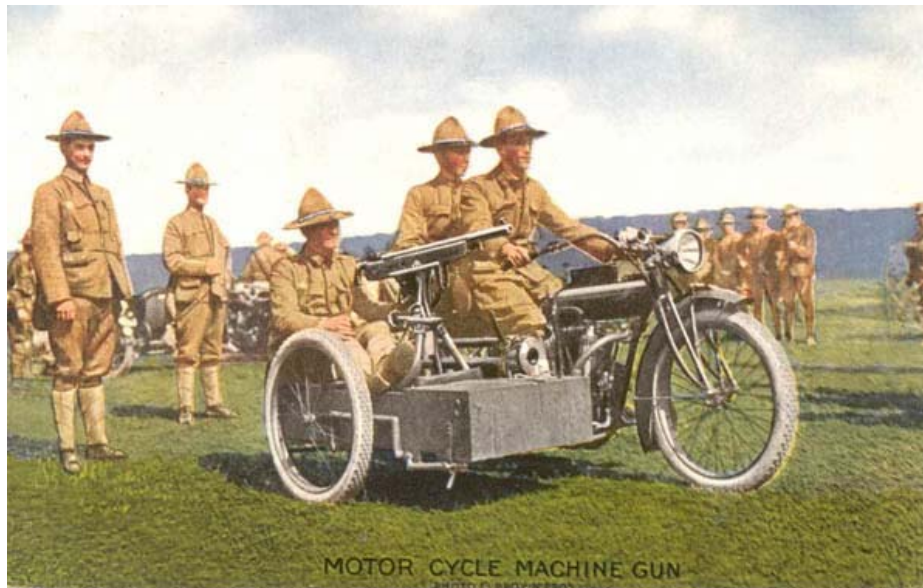
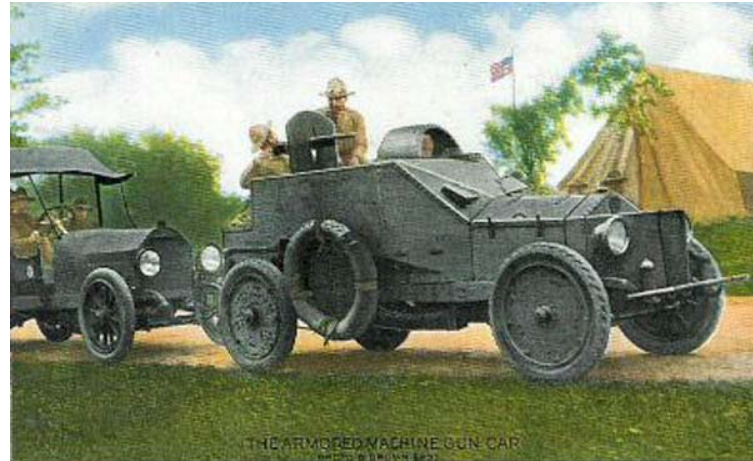


U.S. Army Chief of Ordnance, Brigadier General Buffington



BRIGADIER-GENERAL ADELBERT RINALDO BUFFINGTON

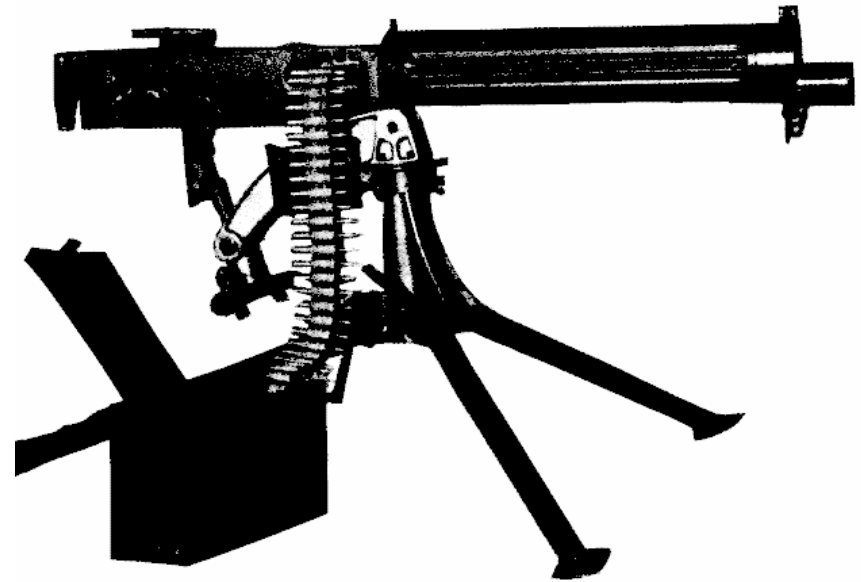
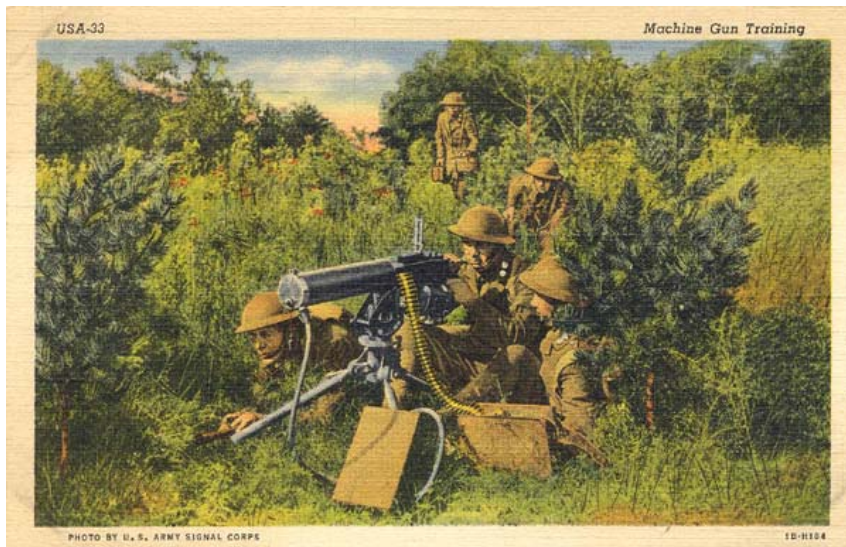
John M. Browning



1909: The Benet-Mercie Machine-Rifle



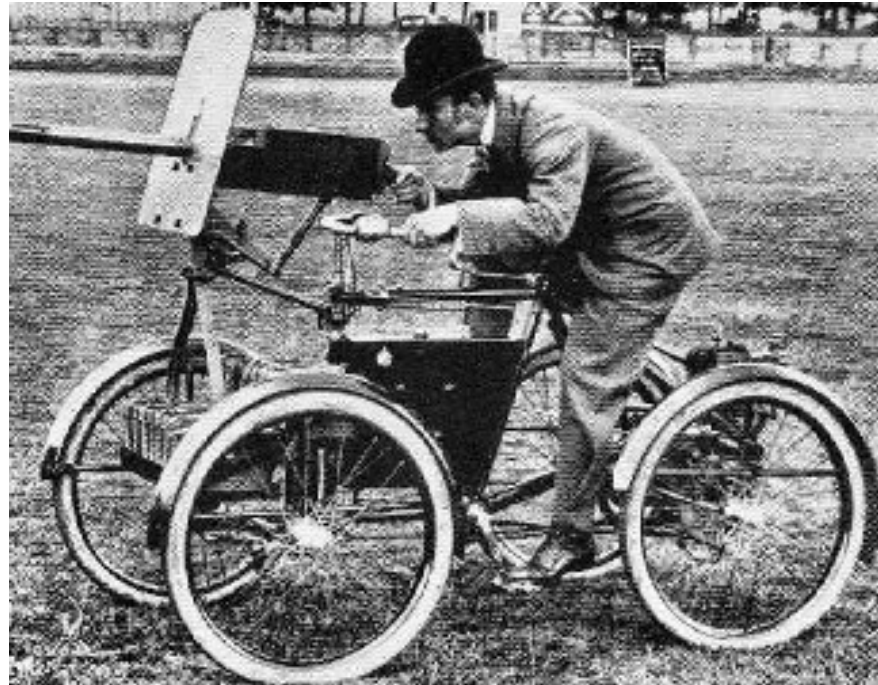
1913: U.S. Army Selects a Maxim “Vickers”



Platform Mounted Maxim Machinegun



Platform Mounted Maxim Machinegun



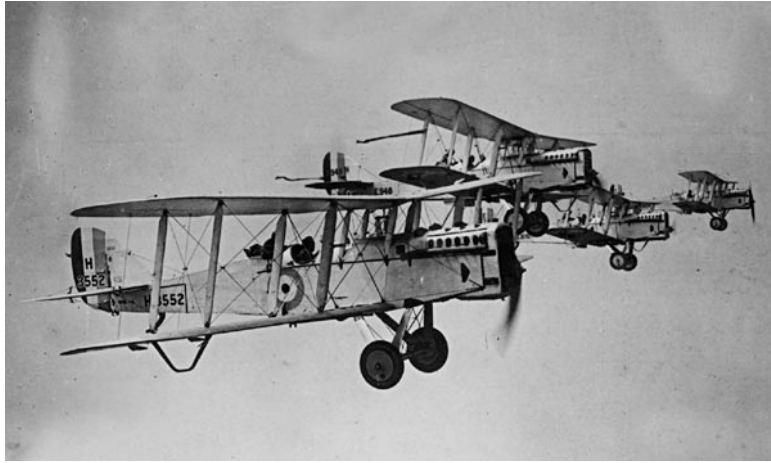
20th Century Warfare



1904-5: The Russo-Japanese War



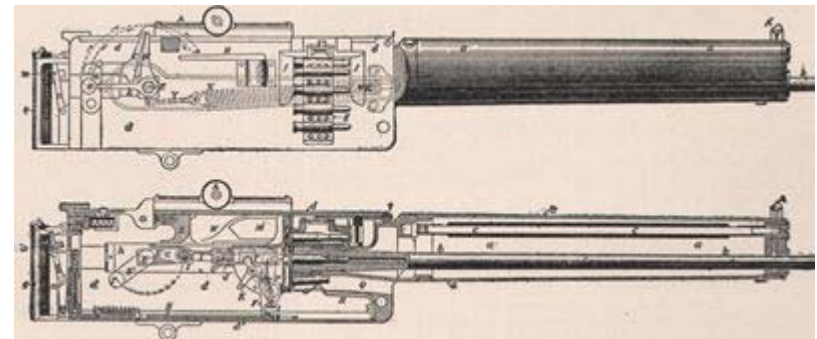
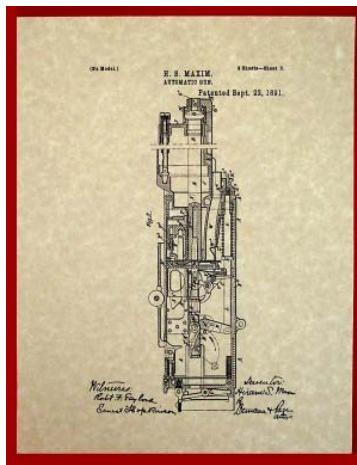
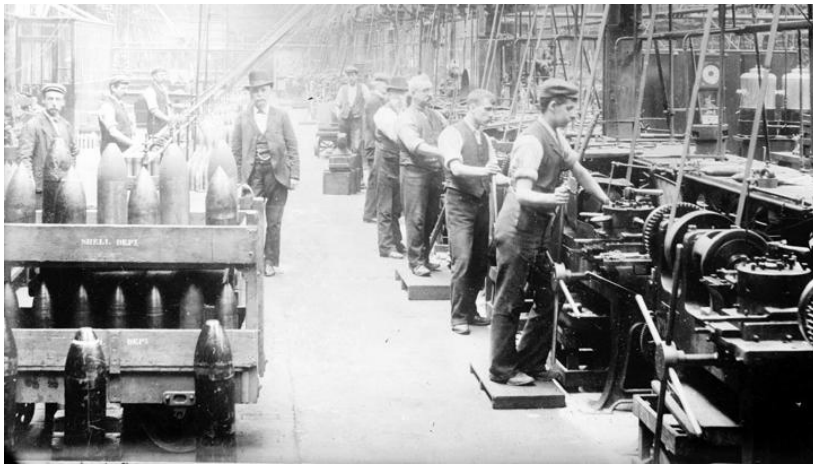
World War I



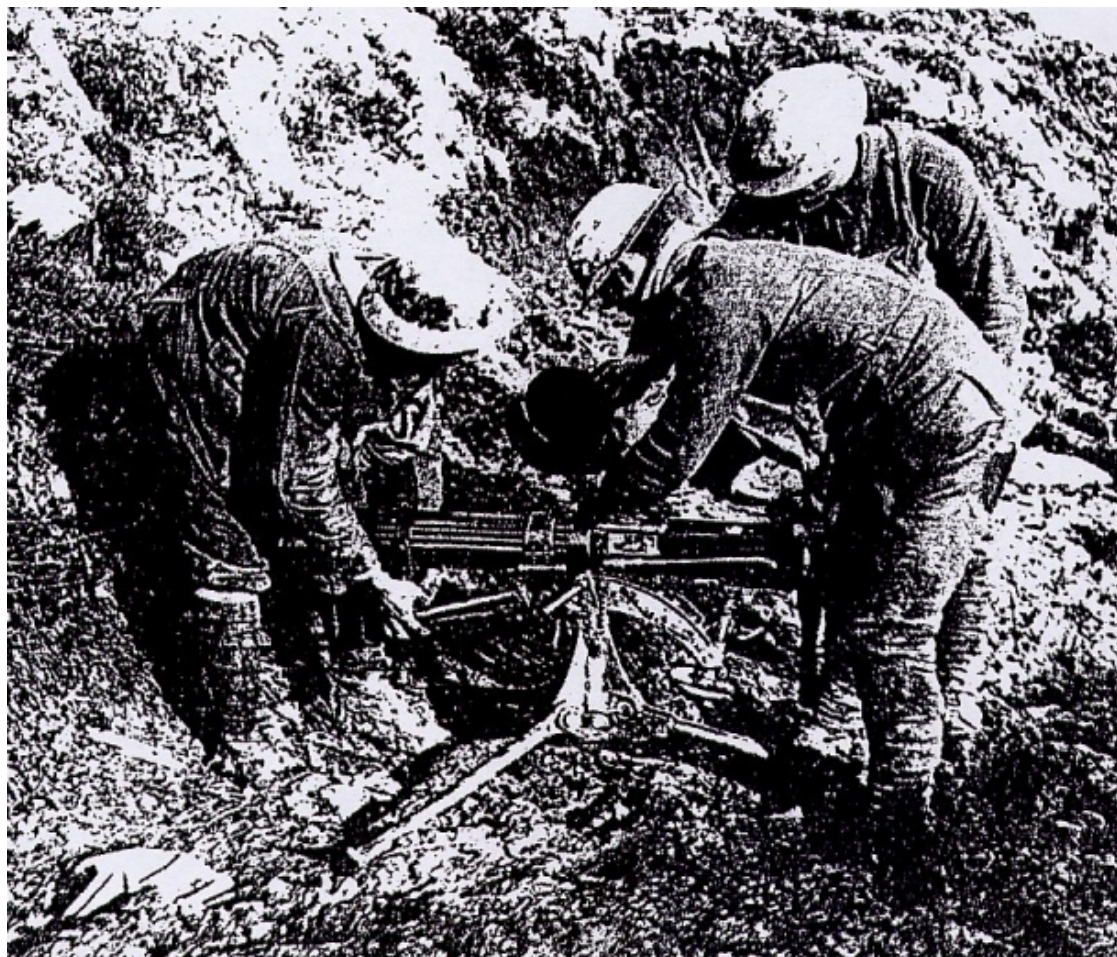
Strengthened Defense



The Engineer's War



Filling The Water Jacket



Aircraft and Anti-Aircraft Maxims



1917: America Enters World War I



Americans & The Chauchat Machinegun



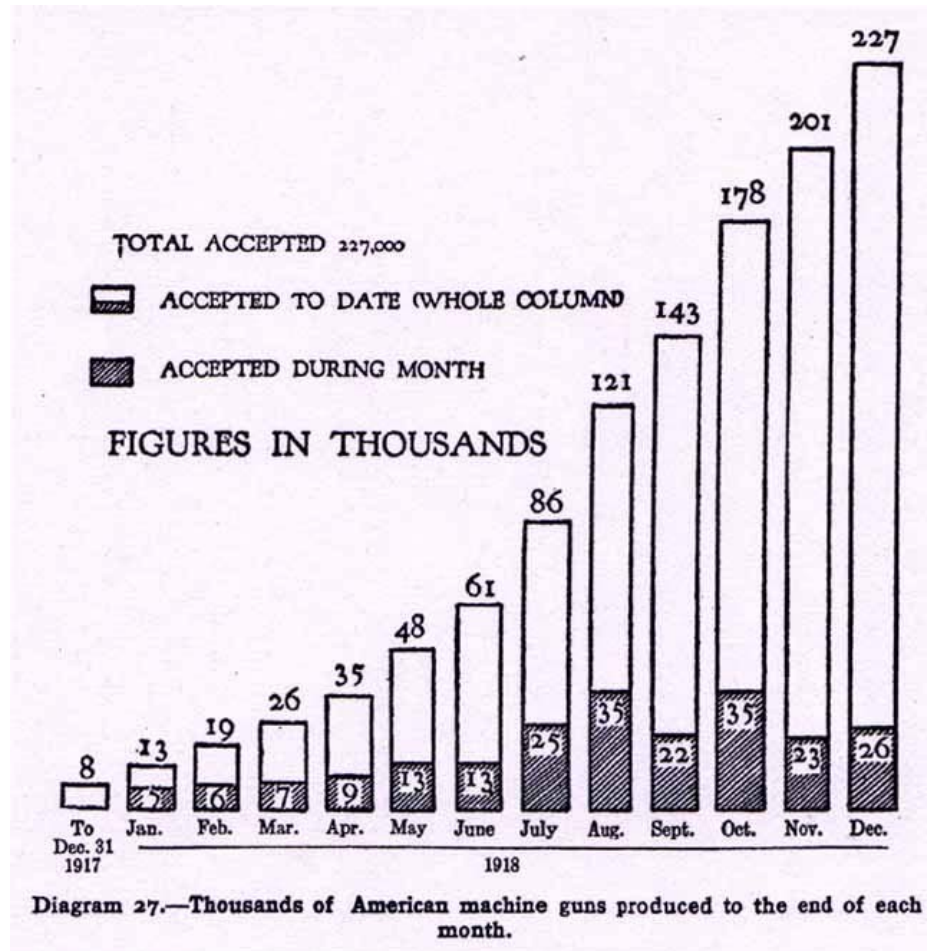
Hotchkiss 8mm M1914 Machinegun



Browning M1917 Machinegun



1917-18: American Machinegun Production



The Human Cost



1916 – The Battle of the Somme



Summary



SHOWING THE GUN TO MY GRANDSON

Questions?

