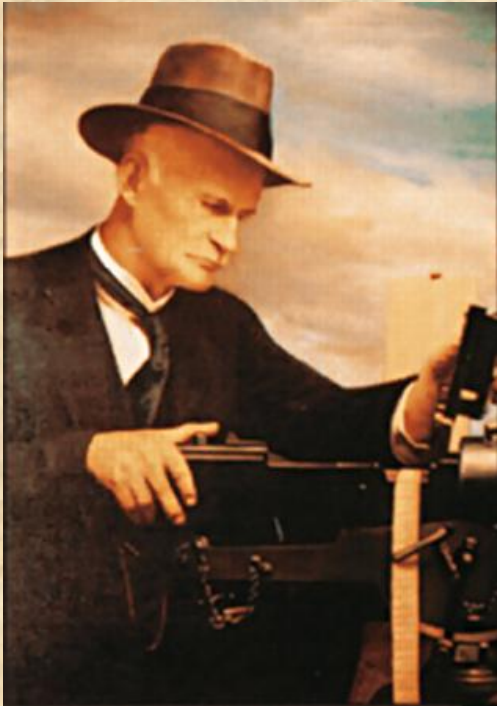


THE U.S. FIREARMS INDUSTRY TODAY

....A JOHN M. BROWNING VIEWPOINT



**George E. Kontis PE
Gun IQ International LLC**

THE U.S. FIREARMS INDUSTRY TODAY

Why study Browning?

- Unequalled Accomplishments
- Unique Design Philosophy
- Faced Similar Challenges
- The Path Forward



BROWNING—EARLY HISTORY



**John at
18 yrs.**

- **Born 1855—Ogden, Utah**
- **Father Blacksmith/Gunsmith**
- **Scrap Pile Innovations**
- **Design—Build—Test—Deliver**

DESIGN IMPASSE

- MUZZLE LOADING REPEATING RIFLE
- BRASS CASED CARTRIDGE--1858
- RIGHT TIME & PLACE FOR GUNMAKER

SIXTY SHOTS PER MINUTE

HENRY'S PATENT

REPEATING

RIFLE

The Most Effective Weapon in the World.

This Rifle can be discharged 16 times without loading or taking down from the shoulder, or even losing aim. It is also slung in such a manner, that either on horse or on foot, it can be **Instantly Used**, without taking the strap from the shoulder.

For a House or Sporting Arm, it has no Equal;
IT IS ALWAYS LOADED AND ALWAYS READY.

The size now made is 44-100 inch bore, 24 inch barrel, and carries a conical ball 32 to the pound. The penetration at 100 yards is 8 inches; at 400 yards 5 inches; and it carries with force sufficient to kill at 1000 yards.

A resolute man, armed with one of these Rifles, particularly if on horseback, CANNOT BE CAPTURED.

* We particularly recommend it for Army Use, as the most effective arm for picket and vedette duty, and to all our citizens in suitable places, as a protection against guerrilla attacks and robberies. It was armed with one of these Rifles, one load and discharge one shot every second, so that he is equal to a company every minute, a regiment every ten minutes, a brigade every half hour, and a division every hour."—Lancaster Journal.

Address JNO. W. BROWN,
Gen'l Ag't, Columbus, Ohio,
At Ball Road Building, near the Depot.



Henry Rifle & Brass Cased Cartridges

WINCHESTER SPORTING ARMS



- **SINGLE SHOT RIFLE TO WINCHESTER**
- **WINCHESTER PRODUCTION EXPERTISE**
- **44 WINCHESTER MODELS**
- **UNKNOWN IN INDUSTRY**
- **47 -YEAR CAREER—128 PATENTS**

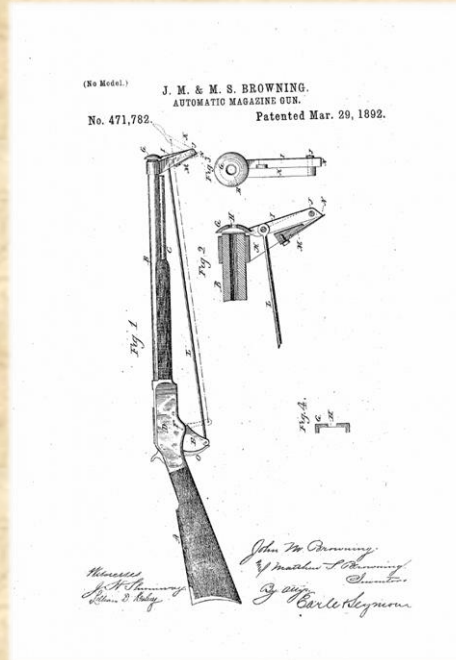
INTERNATIONAL



**Browning
Hi Power**

PISTOLS—FABRIQUE NATIONALE

MILITARY



- 10-YEAR MACHINE GUN DEVELOPMENT
- 1890 LETTER TO COLT
- SET ASIDE PROFITABLE SPORTING BUSINESS
- ROYALTY ACCEPTED: \$1.5M

**BAR—Val
Browning**

U.S. MILITARY WEAPONS

- **M1911 Pistol**
- **M1895 Colt Machine Gun**
- **M1919 .30 Cal Machine Gun**
- **Browning Automatic Rifle**
- **M2 .50 Cal. Machine Gun**
- **37mm Aircraft Cannon**



VICTORY

COLT Automatic Pistol

Just adopted by the
U. S. Government!

THE REASON:
(Excerpt from Official Report)
"The Colt is superior, because it is more reliable, the more enduring . . . and the more accurate."
"The Colt Pistol embodies all the features considered essential, desirable and preferable by the Board."
The Colt is adopted in consequence of its marked superiority to any other known pistol.

THIS DECISION
Settles the Question of Automatic Pistol Supremacy

No matter what other manufacturers may claim, the COLT is the

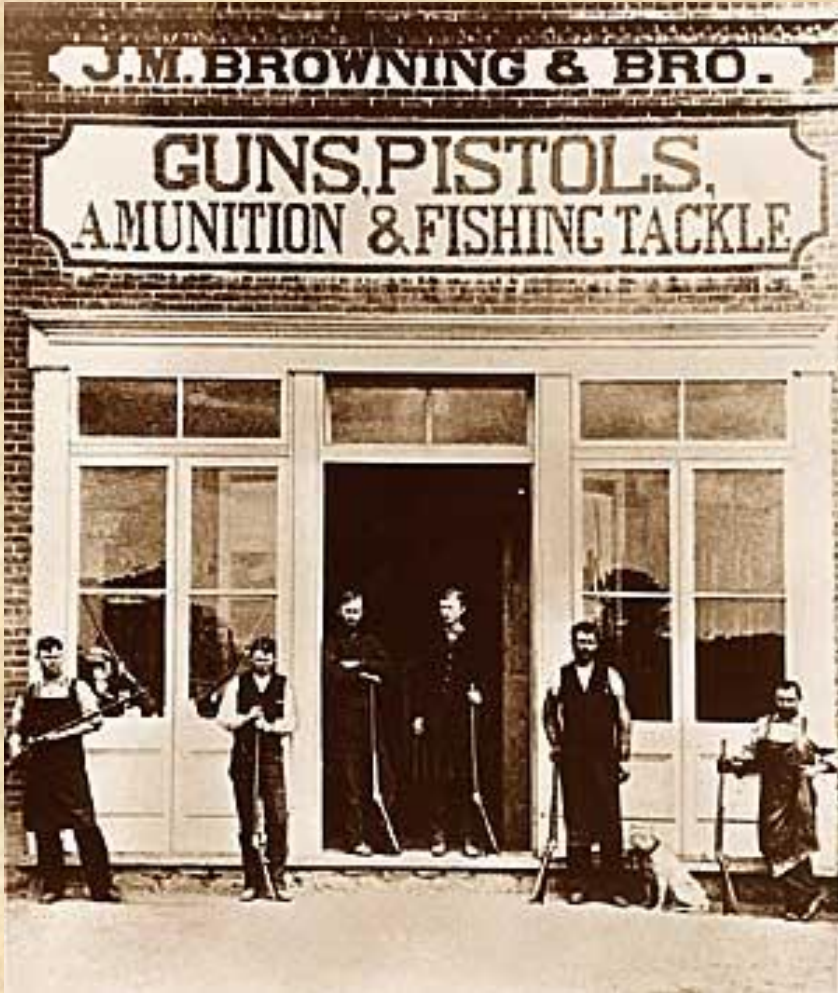
PROVEN STANDARD
of the **FIREARMS WORLD!**

Send for Folder No. 100
It gives FACTS, not theories.

COLT'S PATENT FIRE ARMS MFG. CO.
HARTFORD, CONN.

OVER 6000
consecutive shots fired from this pistol in one test without a jam, misfire or broken part!
A PERFECT SCORE!

FRONTIERSMEN



- HUNTING FIREARMS
- DEER/BEAR
- ONE SHOT—ONE KILL
- VARMINTS

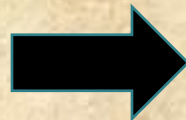
BIG GAME--DEER

Deer—150 lb (68 kg)



Model 94

170 gr.--2200 f/s
1827 ft-lb—2500 J



VARMINTS



Rat



Crow



Coyote

Coyote—Weight 46 lb (20 kg)

Varmint Calibers:

.17 to .223 (5.56mm) Remington

Islamic Terrorist:

Avg. Weight= 170 lb (77kg)



WHAT CALIBER DO WE USE FOR COMBAT?

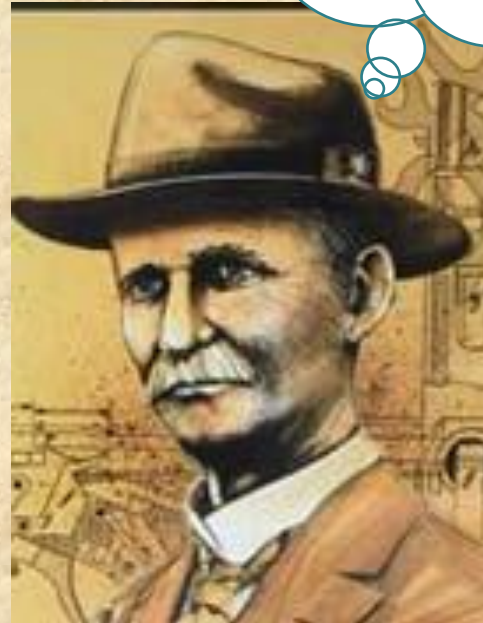
OUR COMBAT ROUND IS 5.56MM

- INADEQUATE FOR DEER
- COMBAT REPORTS

REALLY?

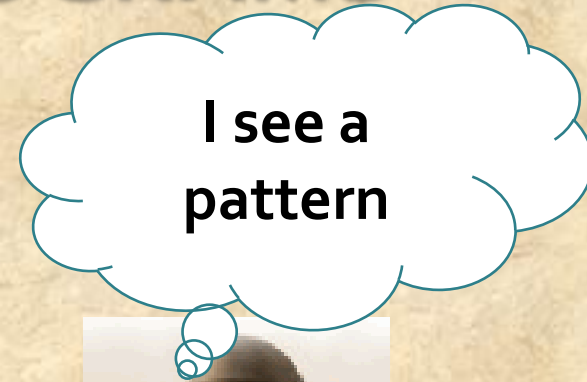


You're not serious?



NEW SERVICE RIFLE PROGRAMS

- SALVO—1951
- SPIW—1963
- ACR—1986
- OICW—1990
- ENHANCED CARBINE—2008



SPIW RIFLE

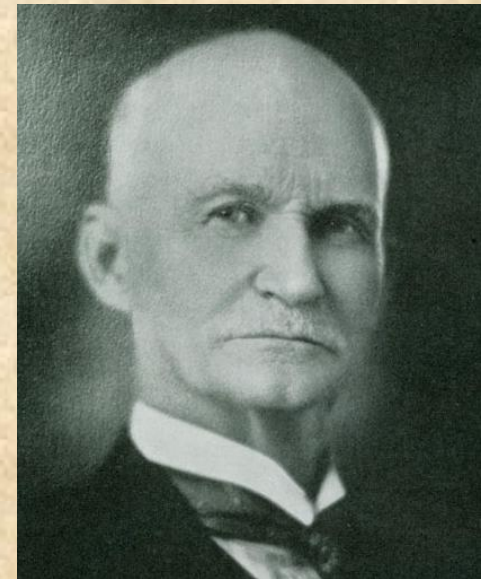
TO OVERCOME OUR DESIGN IMPASSE

- LOOK BEYOND THE BRASS CARTRIDGE
- DEVELOP ANOTHER KILL MECHANISM
 - REPEAT 1995 PDW MEETING

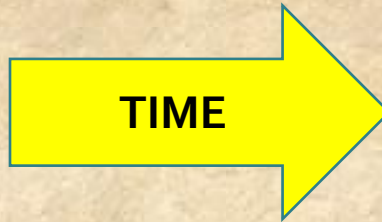


NEW SERVICE RIFLE PROGRAMS

“No man gets an idea at first that amounts to much, and that it is only by the most persistent efforts that an invention is perfected.” JMB



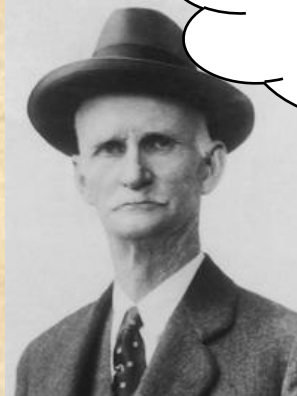
ACCESSORY INTEGRATION



ACCESSORY INTEGRATION

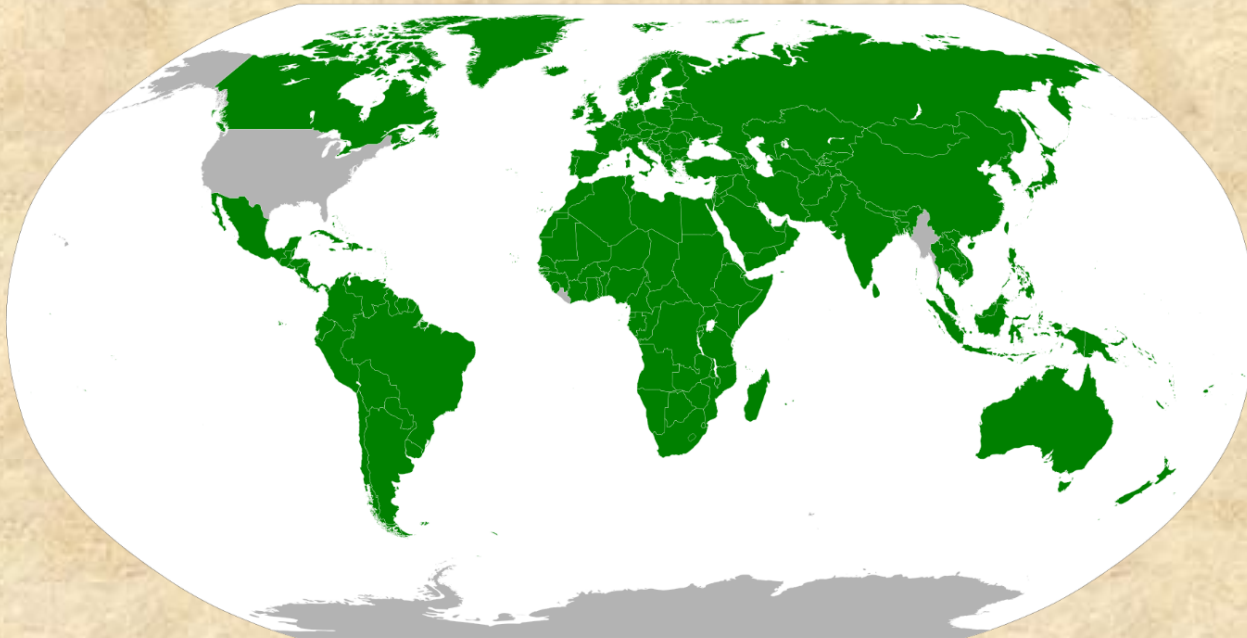


Could we at least have a rounds counter?



METRIFICATION

STOP THE MADNESS—JOIN THE WORLD



METRIC



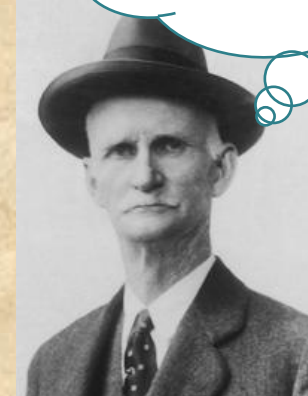
NON-METRIC



ELIMINATE THREADED FASTENERS



You do know they fall out?



ELIMINATE THREADED FASTENERS



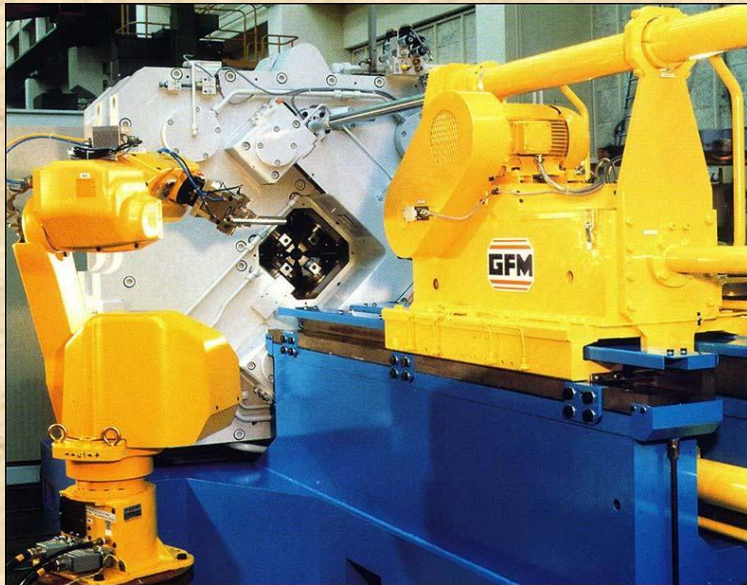
I was
impressed



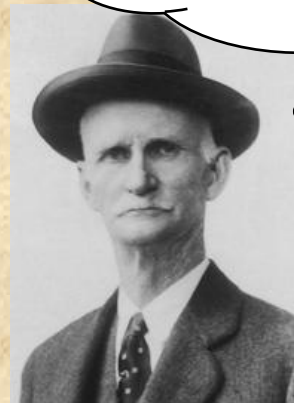
M1896 Broomhandle Mauser

TO IMPRESS BROWNING TODAY

- COMPUTER AIDED ENGINEERING—DESIGN & MANUFACTURING
- ROBOTICS
- ADDITIVE MANUFACTURING
- HIGH SPEED VIDEO



Makes a lot of parts fast—
good ones AND
and bad ones!



NEW REGULATIONS MAKE US SAFER?

Failure to Register

- Manufacturer of machine guns and destructive devices (ATF)
- As a Foreign Agent (FARA)

Failure to Safeguard or Control:

- Sensitive Conventional Arms, Ammunition, and Explosives (AA&E)
- Export & Import of Defense-Related Articles (ITAR)



**I Feel Safer in
Here**

SMALL ARMS PRODUCERS FOR MILITARY & LAW ENFORCEMENT



LAWSUIT-1999



Kweisi Mfume
President NAACP

"And so, the NAACP will be filing litigation this week in the United States District Court against the gun industry in an effort to break the backs of those who help perpetuate this over saturation of weapons in our communities," the group's president, Kweisi Mfume

INDUSTRY LEGAL FEES \$10 M

LAWSUIT DISMISSED-2008

BROWNING—NATIONAL HERO



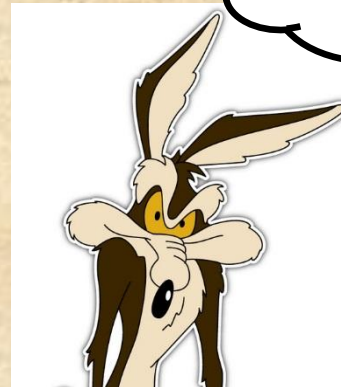
The Marvellous Browning, the "Paper Gun" Devised by Roosevelt, Proves to Be the Most Deadly, Viper-
Man Slayer Ever Invented and Soon Will Be in U.S.
"Over There"—Put to Severest Test It Does Not
"Jam," Vital Defect of All Machine Guns—Fires a
Complete Bk of 250 Shots in Less Than Minute and

SUPPORT FROM THE U.S. MILITARY?

Retired Gen. Stanley McChrystal, seen here at his retirement ceremony in Washington in 2010, has questioned the need for civilians to have military-style assault rifles.



I question the need too.



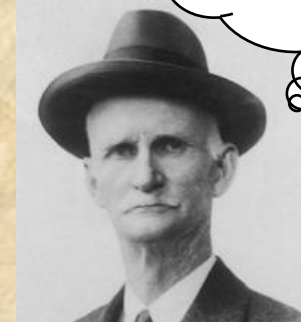
SUPPORT FROM THE US MILITARY?



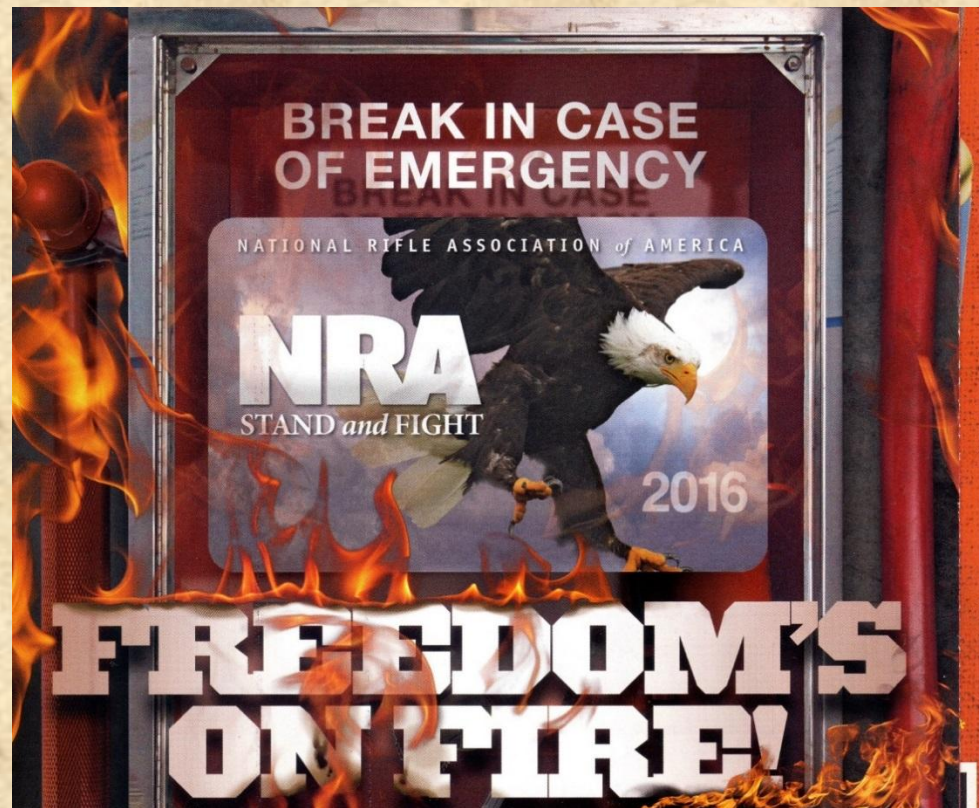
Photo: Defense News

Retired general Stephen Xenakis told [The Hill](#) that he suggested to Biden that members of the military could help the White House move forward with its gun control agenda

DOES THE SMALL ARMS INDUSTRY HAVE ANY FRIENDS?



OUR ONLY FRIEND?



GOAL:

“..to promote and encourage rifle shooting on a scientific basis,”

Col. William C. Church & Gen. George Wingate, 1871

IF THEY'RE GONE OR DIMINISHED.....



...WHO BUILDS AMERICA'S SMALL ARMS?

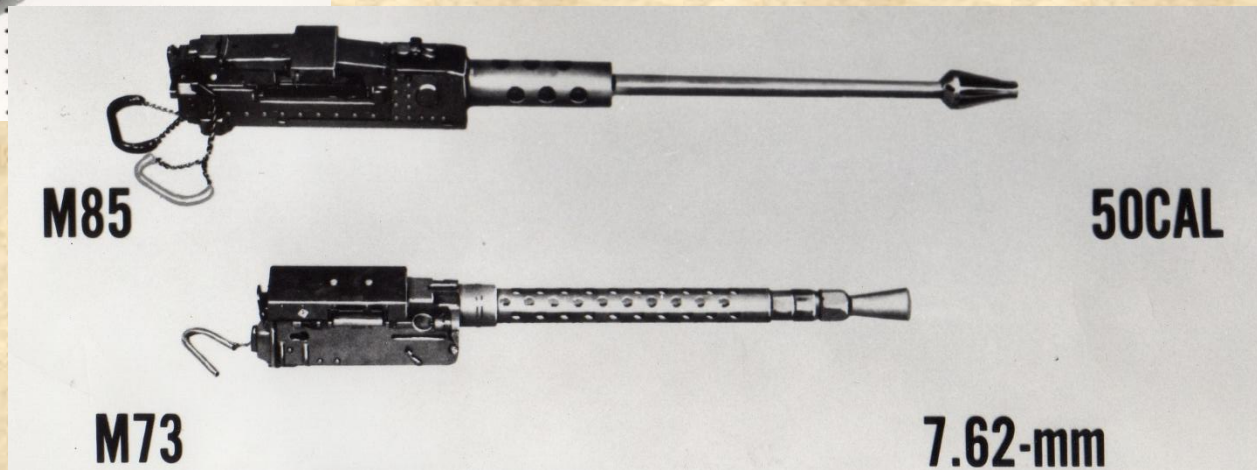
THIS MAN KNEW THE ANSWER



SPRINGFIELD ARSENAL



M14 Rifle



M85

50CAL

M73

7.62-mm

SYSTEM THAT WORKS....

- SPECIFICATION—U.S.MILITARY& ARSENALS
- SOLICITATION—ARSENALS
- COMPETITION & PRODUCTION—PRIVATE INDUSTRY
- ACCEPTANCE –U.S. GOVERNMENT
- CONFIGURATION MANAGEMENT--ARSENALS



IT'S NOT OVER.....



“,,we’re going to hold the small arms industry responsible.”

(Bloomberg, Giffords)

WHO WILL SUPPORT THE SMALL ARMS INDUSTRIAL BASE?

NDIA

National Defense Industrial Association



THANK YOU....

GEORGE E. KONTIS PE

GUN IQ INTERNATIONAL LLC

WWW.gunIQinternational@gmail.com