

Safer Guns

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Personalized Gun Definition:

A gun that, by design integral to the gun itself as opposed to an external locking device, can only be fired by its authorized user or users.

The Need for Personalized Guns

- **Unintended Gun Deaths**
- **Suicides**
- **Homicides**

Proportion of all *unintentional* firearm deaths preventable by a personalized gun

In a study using medical examiner data from Maryland and Wisconsin:

-- 37% preventable by a personalized gun

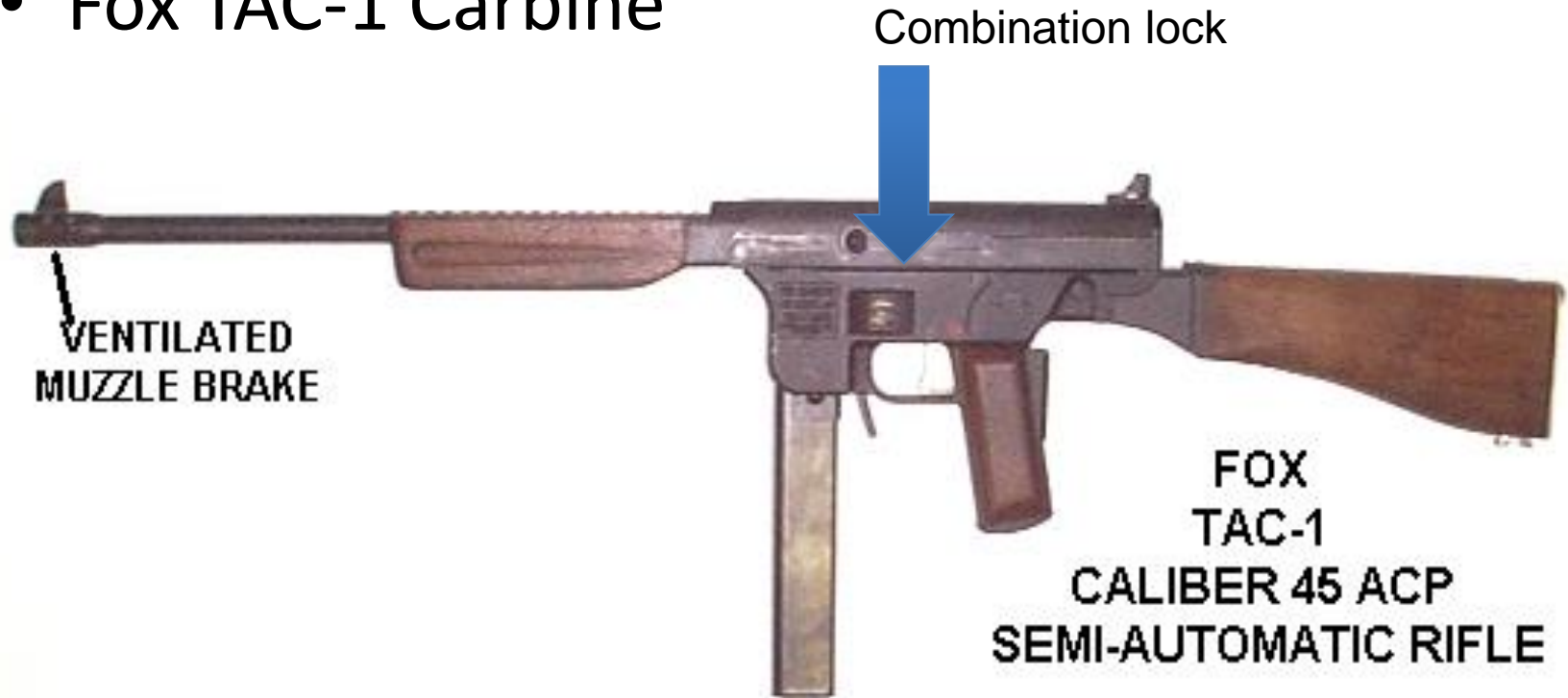
A Brief History of Personalized Guns



Smith & Wesson "Childproof" Revolver

Fox Carbine

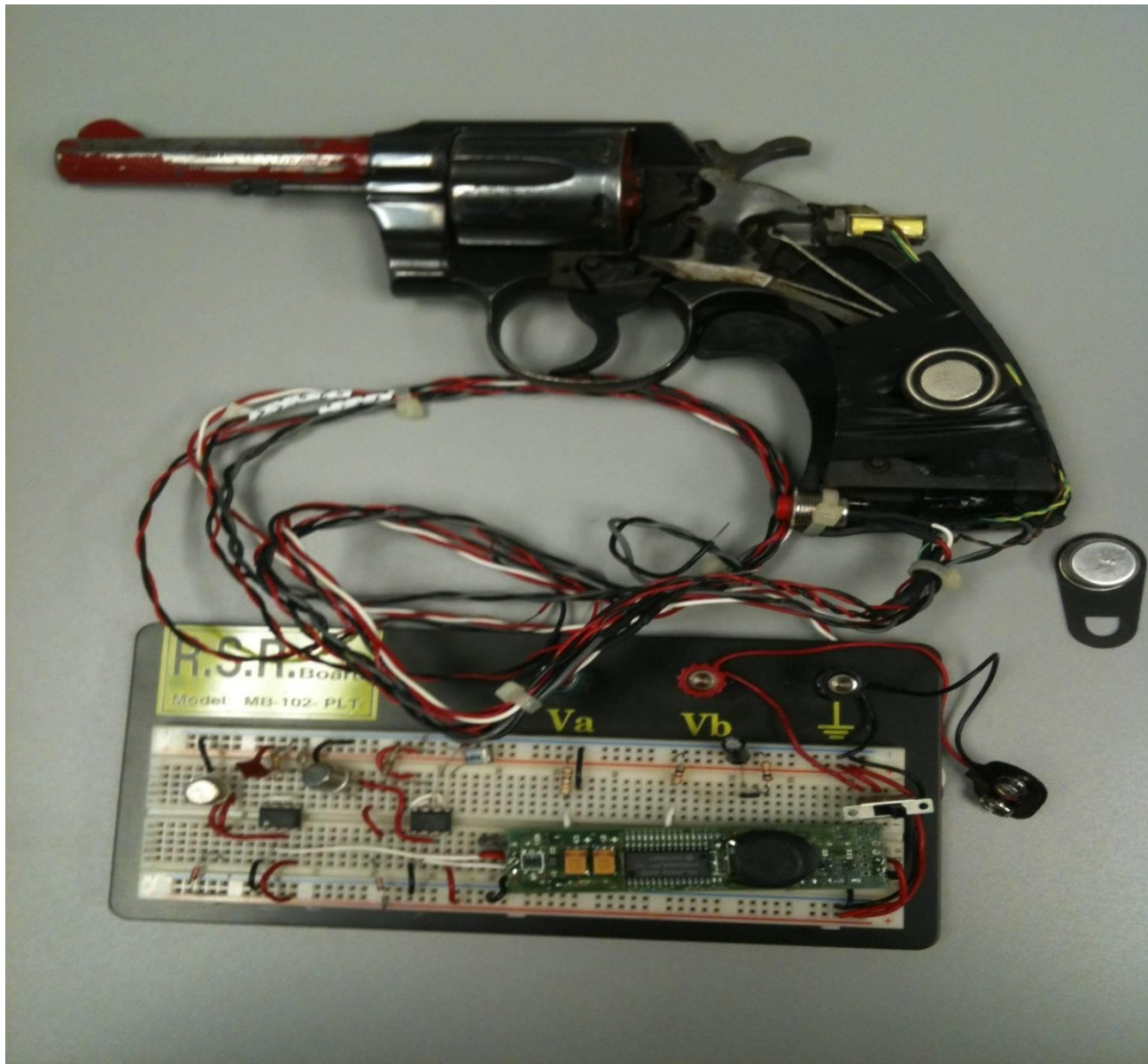
- Fox TAC-1 Carbine



Source: S. Hargarten

Taurus Security System™





Johns Hopkins Student Project

Modern Personalized Gun Technology

SMART SYSTEM iP 1

Armatix

PERSONALIZED HANDGUN

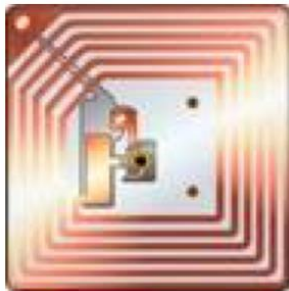


Source: Armatix

TriggerSmart™ Technology

Design & Development

The proposed RFID technology is based upon the HF (High Frequency) standard, which operates in the 13.56 MHz band, and is commonly used for proximity cards, such as door access systems, and contact-less credit cards. This frequency band is available globally for this application.



HF Tag



HF Reader

Socio-Political Opportunities and Obstacles to Introducing Personalized Guns into the Marketplace

ARGUMENTS FOR AND AGAINST PERSONALIZED GUNS

PERSONALIZED GUNS

Favor

Oppose

“GUN CONTROL”	Favor	<p>1</p> <ul style="list-style-type: none">• Reductions in homicides, suicides, and unintended deaths.• Technology now exists.• Doesn't interfere with 2nd Amendment rights.• All consumer products should be as safe as feasible.	Oppose	<p>2</p> <ul style="list-style-type: none">• Might increase prevalence of households with guns. and, therefore, gun-related injuries.
	Oppose	<p>3</p> <ul style="list-style-type: none">• All guns should be available to most of the American public.• Some who would not have bought a gun that they perceived as being unsafe will buy personalized guns.	Oppose	<p>4</p> <ul style="list-style-type: none">• Technology is unreliable.• Such guns will lead to a mandate disallowing the sale of other guns.

Source: Teret and Draisin, Abell Report