

Novel/New Small Arms Ammunition

Innovative Science, Inc. is in the process of developing a new type of centerfire ammunition for small arms. An initial production run of this ammunition was made recently and testing will begin in May 2008. This first production run was chambered in .45-70 Government (Figure 1) for the following reasons:

1. The .45-70 Government cartridge lends itself to handloading facilitating the production of prototype ammunition.
2. The ballistics and trajectory of this cartridge are well documented making it easy to gauge improvements due to the new design.



Figure 1

This new form of centerfire ammunition will have higher velocities and flatter trajectories for a given caliber and is fully compatible with all types of projectiles. Initial R&D will focus on sporting/hunting ammunition with subsequent focus on military applications.

Cost = \$15,000-20,000¹ initial testing and patenting.

Likelihood of success = 70%

Earning potential = 8

Return on investment = The investor will receive 50 % of both the intellectual property rights and profits stemming from this research effort.

1. The bulk of this cost is in patent related fees. Additional R&D costs for military applications will run \$10,000-20,000 (including patent related fees).