

Manufacturing Area to investigate potential economies to be derived from the different types of new machinery and further mechanization of present facilities by combining operations.

Summary of Progress from Inception:

On this study preliminary work is being carried forward for the development of economic and accurate means of manufacturing a Berdan type of primer cup, the work being carried on by the Machine Development Group at the Pompton Lakes Plant where similar operations on the explosive rivet are performed.

This Quarter's Work:

Samples of Berdan cups have been submitted for examination and the development looks interesting.

Proposed Next Quarter's Work:

With the completion of a small amount of additional work, it is proposed to transfer this development to the Bridgeport Plant.

Project: Shot Shell Loading Machine - RX-B-3808

Personnel: W. S. Reynolds

Authorized Amount: \$67,500 Total Expended to Date: \$63,702

Nature of Problem:

A new shot shell loading machine is being developed to produce at higher rates of speed.

Summary of Progress from Inception:

Design has been completed and one machine has been constructed.

This Quarter's Work:

Construction was completed during last Quarter and machine is being run experimentally.

Proposed Next Quarter's Work:

It is expected this unit will be moved to the Operating Area for further experimental production tests over an extended period in order to work out all difficulties in the operation of this machine before additional machines are purchased and installed to replace the old obsolete Remington equipment.

Rim Fire Area

Project: Rim Fire Machine Development Survey - RX-B-3824

Personnel: L. J. Lewis

Authorized Amount: \$3,000 Total Expended to Date: \$1,335

Nature of Problem:

A study is being made of the Rim Fire Area to investigate potential economies to be derived from different types of