

improvements which had been made at Findlay in the past few years so that these drawings could be used in obtaining bids for the necessary equipment.

This Quarter's Work:

This work was completed and all of the equipment has been ordered.

Proposed Next Quarter's Work:

Some additional work will need to be done at the time of installation in assisting in the start-up of the unit.

DEVELOPMENT SECTION, H. A. BROWN, MANAGER

Project: Consumer Questionnaire on Gun Design - TP-3407
Personnel: F. I. Smith in consultation with Sales Department, Ilion Technical Section, Advertising Agency and Wilmington
Authorized Amount: \$3,855 Total Expended to Date: \$2,218

This project will test the practicability of using mail questionnaires to obtain consumer's viewpoints in respect to the design of sporting rifles and shotguns, and to determine the value of the information so gathered.

The results obtained from a test questionnaire mailed to 694 people were of sufficient interest and significance to justify printing the questionnaire in booklet form and mailing it to 10,000 people taken from a list of subscribers to seven sporting magazines having national distribution: Field & Stream, Sports Afield, Hunting & Fishing, Open Road for Boys, Boys Life, Successful Farming and Southern Agriculturist.

All returns will eventually be tabulated, the results studied and recommendations made for any improvement to product indicated.

Project: Development of Wing Shooting Games - TP-3425
Personnel: F. I. Smith, C. H. Barnes, J. H. Marx
Authorized Amount: \$2,000 Total Expended to Date: \$151

Under this project we are exploring the possibilities for developing a wing shooting game which is inexpensive, attractive, competitive and amenable to use in a small area.

Preliminary work indicates definite possibilities of designing low cost re-usable targets and low cost shot shells for this purpose. Work will be continued with the hope of crystallizing conceptions into tangible designs and rough working models.

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