

The retirement of C. H. Barnes was deferred for a period not exceeding one year from September 1, 1944, in order to provide him an opportunity to complete his conceptions of design of an autoloading shotgun and a companion slide action shotgun with a high degree of component interchangeability. The services of J. H. Marx, engineer-artist, are available to Barnes to assist him in designing his conceptions of mechanism into guns of pleasing appearance. These conceptions are estimated to be 70% complete.

A careful study of complaint reports, trade reports, etc., indicated these sources of information were inadequate as a basis for significant product appraisals. Therefore, a more comprehensive program to evaluate properly our competitive position has been submitted for Management consideration and approval.

Product standards are being prepared to include all features and specifications which are subject to Products Committee approval.

A field test program to obtain salesmen's evaluation of New Crimp improved disc adhesive is completed ready for issue when production samples are available.

#### New Products:

An investigation of Remington interest in the manufacture of vitreous dielectric capacitors by the method developed in the duPont Ceramic Division was completed to a point where Management decision was required. Further evaluation will depend on three significant considerations:

1. Successful operation of the Perth Amboy pilot plant
2. Will DuPont manufacture the capacitors beyond the production of the materials used, and if not
3. Will an exclusive license under the articles and process patents be available to us?

The possibility of our becoming interested in this line of product is remote unless the operation of the pilot plant discloses some reason why this should be of particular interest to Remington.

The application of our knowledge and skills in the use of explosive and pyrotechnic materials to the manufacture of products other than ammunition is under investigation. Items receiving consideration include: Dispersion of insecticides, fire lighters, fire extinguishers, motor starters, wheel pullers, tire inflators, oil well cartridges, powder actuated tools, etc.

GOC:hep/mbb  
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