

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington
QUICK

PETERS
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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

April 23, 1974
Ilion, New York

TO: C. B. WORKMAN
FROM: P. H. ECCLESTON
SUBJECT: PLASTICS RESEARCH LAB
Semi-Monthly Report

PLASTICS RESEARCH

Processing of Butt Pads has continued. One hundred fifty (150) have been processed during the past two (2) weeks. No difficulties have been encountered.

Artificial graining of wood has been followed. Sycamore samples have been grained and finished. High grade effect is lacking. Sycamore is light in color and has a distinctive pattern and artificial graining upsets the pattern but does not change the color. Two additional stock blanks in walnut have been obtained for graining. These will be followed through machining and sanding then oil finished to see if the graining becomes more distinctive.

A new application for cast urethane has been found. Fixtures for clamping Nylon 66 stocks for welding have Delrin tips on the clamp which are machined at the Tool Room at a cost of approximately \$30 each. Urethane pads were molded directly to the studs at a cost of approximately .05 each. After 2 days use urethane pads did not mar any stocks and show no wear. If resolved, this will result in a cost reduction item and will be expanded.

COLORING & PLATING

Gold plating of M/3200 frames has continued. Five hundred sixty two (562) frames have been plated to date. Of these 98 were Premier, the remainder "One in 1000 Skeet".

Black oxide cathodic samples have been processed and were tested. Wear test results indicate the cathodic coating to have approximately equal wear resistance as double cycle of standard black oxide. Work will continue in an effort to improve black coatings.

PH ECCLESTON:S
Ilion Research Division

*402 more trap
520 more skeet*

need 500 more