

Dr. A. Cornell

January 25, 1962

V. C. Johnson

Investigation of Material Content and Construction of Reconstituted Tobaccos - Our Own and Competitive Brands.

We have completed the microscopic examination of the reconstituted tobaccos from the C. I. pick up #31 as well as Schweitzer's reconstituted sheet that was submitted by Dr. Cornell.

Our investigation shows there have been no visible changes in the material content or the manufacturing process of the reconstituted tobaccos in the past six months.

1. Liggett and Myers is the only company currently using wood fibers in their reconstituted tobacco and without any tobacco leaf included.
2. Brown and Williamson includes two types of reconstituted tobaccos in their cigarettes:
(A) One-tone reconstituted tobacco which appears to have been made by a paper making process. These are large size particles (greater than 0.5 mm.) of leaf and stem. The sheet is very hard to disintegrate in water.
(B) Two-tone material produced by a process other than a paper machine. The particles are small and disintegrate very easily in water. All other companies produce only one type of reconstituted tobacco.

Schweitzer, Reynolds, Lorillard and American all have one type of reconstituted tobacco. The sheets have large particles of tobacco leaf and stems and all appear to be made by the paper making process.

All of the reconstituted tobacco sheets made on the paper machine are very hard to disintegrate in water. Schweitzer must also contain a very good binder - it is the hardest to disintegrate of any of the sheets investigated.

1000220749