PLAINTIFF'S EXHIBIT

UC-1762

2/22/85

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MAR 4 1985
MARTY SUE

To: Marty Sue ✓

MARTY...

Here is another idea for a service that could be marketed:

> 102: 88922q Accuracy of transmission electron microscopy for the analysis of asbestos in ambient environments. Steel, Eric B.; Small, John A. (Natl. Bur. Stand., Gaithersburg, MD 20899 USA). *Anal. Chem.* 1985, 57(1), 209-13 (Eng). Errors assocd. with the transmission electron microscopic (TEM) detn. of trace amts. of chrysotile asbestos in samples collected from ambient environments were investigated. The microscope can be the source of order-of-magnitude errors in the reported chrysotile concn. if the mech. stage, image quality, and electron diffraction capabilities do not meet the demanding requirements of asbestos detn. By use of a verified counting procedure, it was detd. that most operators of a TEM have less than 50% chance of finding and counting chrysotile fibers <1 μm long. However, accuracies >90% can be achieved on chrysotile fibers longer than 1 μm.

RAB

RABleidt

cc: D.C. Best
P.H. Tate

BRF 0566