Monsanto
CANADA LTD.

FROM Montreal - Quebec

DATE April 21, 1967

SUBJECT Paper Roll Coating

REFERENCE

cc: W.T. Witter
A. Vendette
J. Darby - St. L.
J.S. Bagnall "
G. Kosup "
M.V. Merchant

TO Mr. R.M. Parks
St Louis

Under separate cover we have sent you some rods covered with a hot melt as per the attached report.

We had been asked to do some work for Goodyear on a plastisol to cover paper rolls. Dave Press suggested a hot melt. The only reason we approved this project is because of the immense potential involved in coating almost an infinite number of paper rolls. You would have an application in truck and rail shipping, as well as, shipping by sea where paper could be loaded even on a rainy day. Our wrapping would maintain roll moisture. More important still, paper could be stored out of doors notwithstanding the labor and equipment saving involved which is where the greatest saving would accrue.

A proposed system, fully automatic, could involve a conveyor system suspended from the ceiling carrying rolls to a tub for dipping and all the way down to a loading platform. The ends of the roll could be sealed with a film and heat sealed around the edge of the roll to prevent hot melt seepage. The core of the roll would be plugged as well with a cone to leave an aperture for handling yet remain sealed. The hot melt would dry on its way to the loading platform. The estimated pick up would be 70 pour per ton of paper. Cost could kill this project. The thickness about 1/8" could be controlled using air while giving the roll a turn. Removal of the coating would be easy. One problem comes to mind in handling where pneumatic lift truck are used, however small punctures might resolve this potential difficulty.

I'll have actual in mill costs shortly for various roll wrappings (polyethylene, asphalt, kraft etc.) including costs using conventional equipment.

Bob, your comments on the idea, as well as, ways to cheapen the system would be appreciated.

Could Monsanto exercise patents on such a system?

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