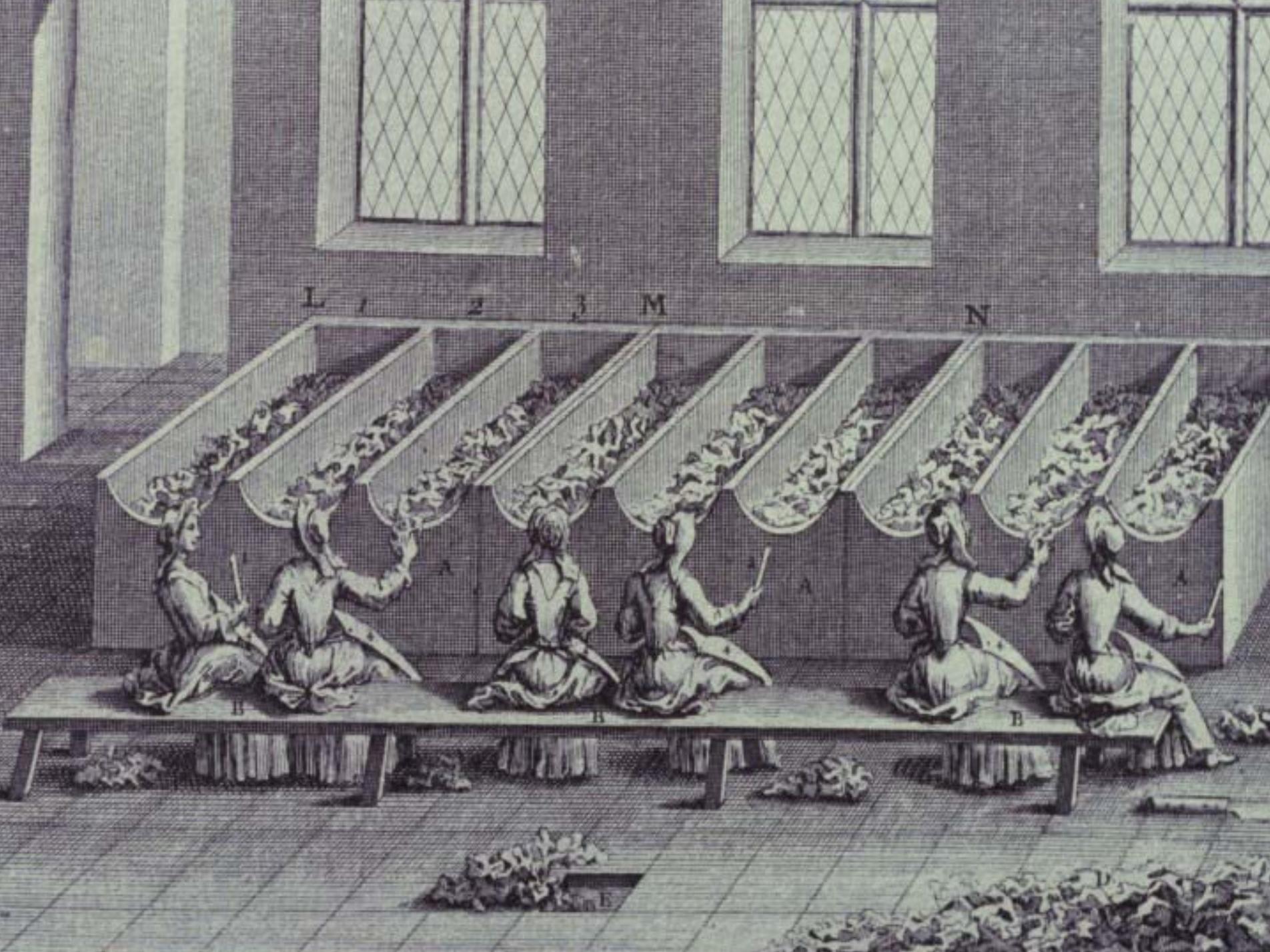


Design and Production of Paper for the New Encasements

Timothy Barrett
University of Iowa
Center for the Book

Background



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WISCONSIN
CONCRETE









UCB
PNEUMATIC PRESS
Engineering by T. Williams, Inc.







Paper Analyses

TEST	1950 NBS	2000 UICB
alpha cellulose	92.0	98.9
beta cellulose	7.1	
gamma cellulose	0.9	
copper number	0.5	
pH		
hot extract	9.0	6.85
cold extract	8.9	9.62
ash, oven dry basis	5.4%	
alkaline reserve		1.3%
kappa number		1.9*

*This value determined by NARA was in line with the kappa numbers they have obtained for fully bleached wood pulp paper and board submitted to them as lignin free.

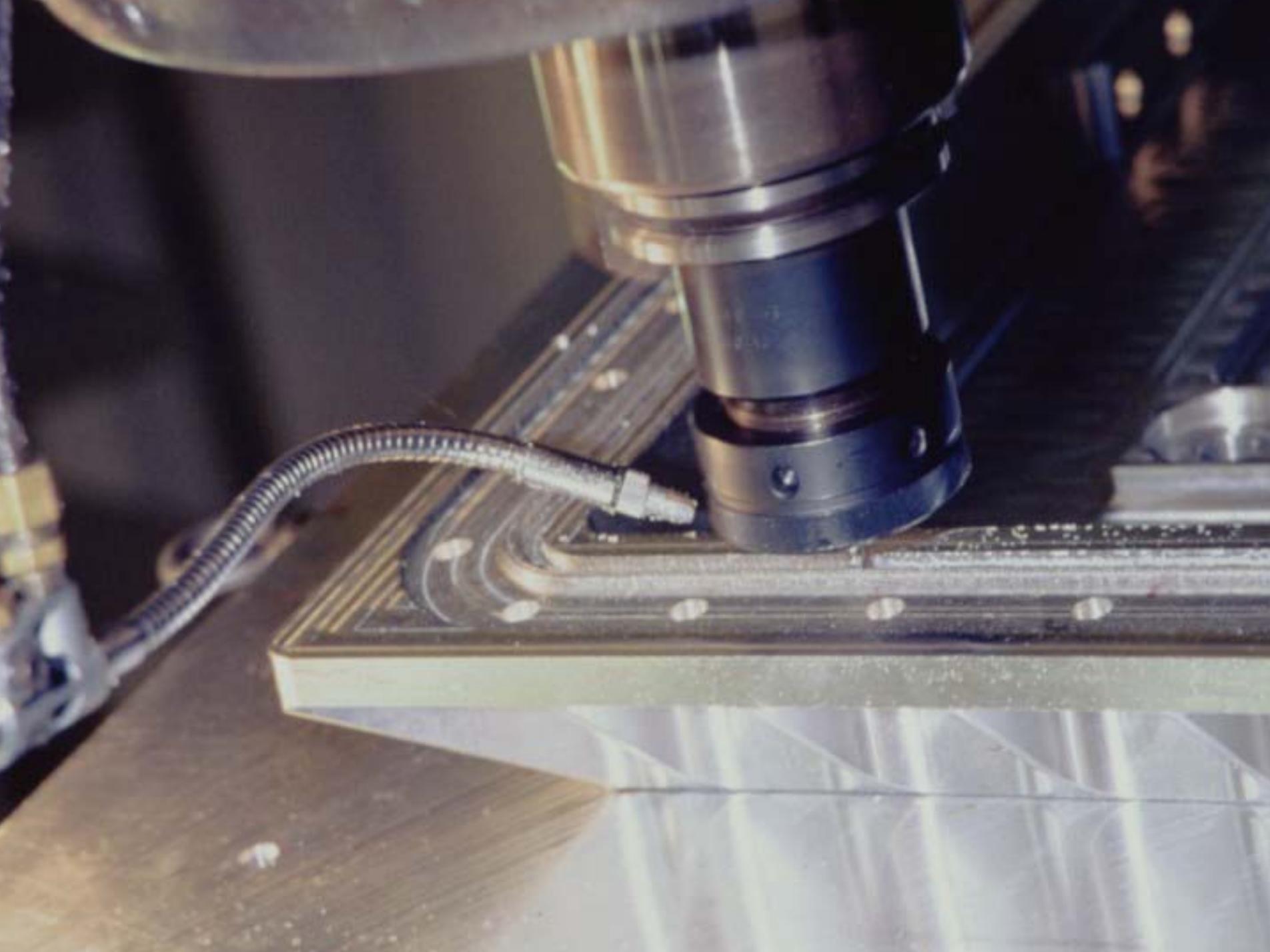
N.B. The 2000 UICB paper also passed both the Oddy test, which looks at emissions that tarnish silver, lead or copper, and the photoactivity test, which checks the material in question against a colloidal silver detector (which may fade or get darker depending on the reaction) and a gelatin stain detector.

Maryland, Virg

Resolved,

this Convention, that





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