



Discovering New Facts about Paper: The Story of the Greatest Paper Research Laboratory (Classic Reprint)

By Waldemar Kaempffert

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Discovering New Facts About Paper: The Story of the Greatest Paper Research Laboratory Paper makers speak of engine sizing and tub or surface sizing. By engine-sized paper, they mean a paper which has been sized in the beater. Tub or surface-sized paper is made on the Fourdrinier machine, the web moving through a bath of glue or starch or a combination of both. Paper makers were never agreed on the subject of sizing, particularly rosin sizing. Alum and rosin are also two important sizing agents. Gither used alone is not very effective, but together they form a compound which waterproofs the fibers and therefore prevents ink from being absorbed and Solving The Size Problem spreading on the writing paper. This subject of sizing has engaged the chemists of the American Writing Paper Company for over ten years. It used to be the practice in most writing-paper mills to use liberal doses of alum whenever the pulp seemed not to be running correctly. Research showed that the practice was to be condemned and that far too...



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