

PROJECT SILO TECHNICAL MEMO #8

SUBJECT: BIASED MULTI-PATH STORAGE ELEMENT WITH ONLY ONE
WIRE IN EACH APERTURE

BY: Frederick L. Post
Samuel K. Raker

DATE: September 30, 1956

ABSTRACT: The packaging of the element described in SILO Technical Memo #5 is complicated by the requirement that there be up to four wires in one aperture of the core. This fact motivated an effort to develop the element described herein, having the feature of requiring only one wire in any one hole. There has been no essential change in the principle of operation.

The contents of this report include 1) a description of the core structure, 2) a comparison of its operation with that of the earlier element. No experimental data yet exist.

COMPANY CONFIDENTIAL:

This document contains information of a proprietary nature. ALL INFORMATION CONTAINED HEREIN SHALL BE KEPT IN CONFIDENCE. No information shall be divulged to persons other than IBM employees authorized by the nature of their duties to receive such information, or individuals or organizations who are authorized in writing by the Department of Engineering or its appointee to receive such information.