

News from

THE DOCUMENT COMPANY

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For Immediate Release

Gigabytes on a Pinhead

UNIVERSITY/XEROX DISCOVERY MAY ENABLE

THE ULTIMATE COMPUTER

*Computer Storage Capacity Could Increase By Factor of 100,000*

NEW YORK, Dec. X, 1997 -- A scientific development that could potentially enable computer calculations magnitudes faster than current technology -- potentially ushering in a new age of computers -- was announced today by researchers at City College of New York, the University of Barcelona, Spain and Xerox Corporation. Researchers said the discovery could also yield computer memory 100,000 times as dense as that used today, possibly representing the ultimate limit for information storage.

"To our knowledge, the discovery provides what could be a key element in the actual making of a "Quantum Computer" -- a radically new, but still theoretical computing technology," said Ronald F. Ziolo, a chemist with Xerox Corporation's Wilson Center for Research and Technology. The research team consisted of physicists Jonathan R. Friedman and Myriam P. Sarachik of City College, Javier Tejada of Barcelona and Ziolo.

