

Near Optimal Detector For The 2-Dimensional ISI Channel

Tech ID: 20007 / UC Case 2004-159-0

TECHNOLOGY DESCRIPTION

This invention is related to two-dimensional page-oriented storage, and the signal processing techniques required to reliably detect the written data. The disclosed method performs better than other methods because it can approach theoretical limits of performance with moderate computational complexity. (Other methods either can't approach theoretical limits, or are too computationally costly to reach this method's level of performance.)

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	7,978,797	07/12/2011	2004-159
United States Of America	Issued Patent	7,564,933	07/21/2009	2004-159

CONTACT

University of California, San Diego
Office of Innovation and
Commercialization
innovation@ucsd.edu
tel: 858.534.5815.



OTHER INFORMATION

KEYWORDS

holographic data storage

CATEGORIZED AS

- Computer
- Other

RELATED CASES

2004-159-0