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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		N	Name	Execution Date	
David Chang-Cheng Yu				09/17/2008	
Xiao Luo				09/17/2008	
Jia-Hwang Chang				09/17/2008	
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Property Type Application Number: 122		12210	Number 10126		90101001
Application Number: 12210		0126		¢ r	
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NAME OF SUBMITTER:			Kelly M. Smith		
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ASSIGNMENT

For valuable consideration, we, David Chang-Cheng Yu, of Pleasanton, California; Xiao Luo, of Cupertino, California; Jia-Hwang Chang, of Saratoga, California; hereby assign to GRANDIS INC., a corporation of Delaware, having a place of business at Corporate Headquarters, 1123 Cadillac Court, Milpitas, CA 95035, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions, improvements and technologies which are described in an application for United States Patent signed by us, entitled PROGRAMMABLE AND REDUNDANT CIRCUITRY BASED ON MAGNETIC TUNNEL JUNCTION (MTJ), filed September 12, 2008, and assigned U.S. Serial Number 12/210,126; this assignment including said application. any and all United States and foreign patents, including but not limited to continuation, divisional, continuation-in-part, reexamination, reissue, utility models, and design registrations based on said application or granted for any of said inventions, improvements, and technologies, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment

9/17/08 DATE:

9/17/08 9-17-48 DATE:

DAVID

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Assignment Page 1 of 1

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RECORDED: 10/02/2008