PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	IY DATA			
		Name Execution Date		
The Board of Trust Alabama	ees of the Univer	sity of Alabama for and on Behalf of the University of 08/08/2012		
RECEIVING PARTY	Y DATA			
Name:	Grandis, Inc.	Grandis, Inc.		
Street Address:	1123 Cadilla	1123 Cadillac Court		
City:	Milpitas	Milpitas		
State/Country:				
Postal Code:	95035			
Name:	The Board of Alabama	The Board of Trustees of the University of Alabama for and on Behalf of the University of Alabama		
Street Address:	152 Rose Ad	152 Rose Administration Building		
Internal Address:	Campus Box	Campus Box 870104		
City:	Tuscaloosa	Tuscaloosa		
State/Country:	ALABAMA	ALABAMA		
Postal Code:	35487-0104	35487-0104		
]		
Property Type		Number		
Application Number:		13549331		
CORRESPONDEN	CE DATA			
Fax Number:	650318	3374		
Phone:		6503183374		
Email: patents@convergentlaw.com				
via US Mail.		e-mail address first; if that is unsuccessful, it will be sent		
Correspondent Nan		gent Law Group LLP		
Address Line 1:	475 N. \	Whisman Road, Suite 400 PATENT		
500050065			~~	

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PATENT REEL: 028909 FRAME: 0680

Address Line 4: Mountain View, CALIFORNIA 94043				
ATTORNEY DOCKET NUMBER:	GRAN013CIP UA TO GRANDIS			
NAME OF SUBMITTER:	Debbie Nishihara			
Total Attachments: 1 source=GRAN013CIP_Assignment_UA_Grandis#page1.tif				

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, The Board of Trustees of the University of Alabama for and on Behalf of the University of Alabama, do hereby sell, assign, and transfer to: Grandis, Inc., a corporation existing under the laws of the state of Delaware, having a principal place of business at 1123 Cadillac Court, Milpitas, CA 95035 ("Assignee"), and The Board of Trustees of the University of Alabama for and on Behalf of the University of Alabama, a University having a principal place of business at 152 Rose Administration Building, Campus Box 870104, Tuscaloosa, Alabama 35487-0104, its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for the United States Letters Patent,

□ which has been executed by the undersigned concurrently herewith,

which was filed on July 13, 2012 and assigned Serial No.13/549,331

and is entitled:

METHOD AND SYSTEM FOR PROVIDING MAGNETIC TUNNELING JUNCTIONS USABLE IN SPIN TRANSFER TORQUE MAGNETIC MEMORIES

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

And the Assignors hereby authorize and request the attorneys and agents to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

Signed:

Signature 8/8/12 DATE enald J. Benson

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