502454022 08/12/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
G.R. Mohan Rao	08/05/2013

RECEIVING PARTY DATA

Name:	Greenthread, LLC	
Street Address:	1701 North Greenville Avenue	
Internal Address:	Suite 1108	
City:	Richardson	
State/Country:	TEXAS	
Postal Code:	75081-1805	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8194452

CORRESPONDENCE DATA

Fax Number: 3129840146

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 312-984-0144

Email: dmundt@emcpc.com

Correspondent Name: David M. Mundt

Address Line 1: One North Wacker Dr.

Address Line 2: Suite 4130

Address Line 4: Chicago, ILLINOIS 60606

0299-0002.02
David M. Mundt
/David M. Mundt/
08/12/2013

Total Attachments: 3

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> PATENT REEL: 030987 FRAME: 0007

RECORDATION FORM COVER SHEET			
PATENTS ONLY			
	e record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
G. R. Mohan Rao	Name: Greenthread, LLC		
G. R. Monan Rao	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes No			
3. Nature of conveyance/Execution Date(s):	Street Address: 1701 North Greenville Avenue, Suite 1108		
Execution Date(s) August 5, 2013			
Assignment Merger	City: Richardson		
Security Agreement Change of Name	•		
Joint Research Agreement	State: Texas		
Government Interest Assignment	Country: U.S. Zip: 75081-1850		
Executive Order 9424, Confirmatory License			
Other	Additional name(s) & address(es) attached? Yes No		
	document serves as an Oath/Declaration (37 CFR 1.63).		
A. Patent Application No.(s)	B. Patent No.(s)		
	8,194,452 (Appl. No. 12/915,177)		
Additional numbers att	The state of the s		
Additional numbers att			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Name: David M. Mundt			
Internal Address: Eugene M. Cummings, P.C.	7. Total fee (37 CFR 1.21(h) & 3.41) \$\frac{40.00}{}		
internal Addices. C	Authorized to be charged to deposit account		
Street Address: One North Wacker Dr., Suite 4130	Enclosed		
Street Address: One Worth Walker Dr., Calle 4100	, E 0 0560		
City: Chicago	None required (government interest not affecting title) 8. Payment Information		
City: Chicago State: Illinois Zip: 60606	None required (government interest not affecting title)		
State: Illinois Zip: 60606	None required (government interest not affecting title)		
State: Illinois Zip: 60606 Phone Number: 312-984-0144	None required (government interest not affecting title)		
State: Illinois Zip: 60606 Phone Number: 312-984-0144 Docket Number: 0299-0002.02	None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-4199		
State: Illinois Zip: 60606 Phone Number: 312-984-0144 Docket Number: 0299-0002.02 Email Address: dmundt@emcpc.com	None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-4199 Authorized User Name David M. Mundt		
State: Illinois Zip: 60606 Phone Number: 312-984-0144 Docket Number: 0299-0002.02 Email Address: dmundt@emcpc.com 9. Signature: /David M. Mundt/	None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-4199 Authorized User Name David M. Mundt August 12, 2013		
State: Illinois Zip: 60606 Phone Number: 312-984-0144 Docket Number: 0299-0002.02 Email Address: dmundt@emcpc.com 9. Signature: /David M. Mundt/ Signature	None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-4199 Authorized User Name David M. Mundt August 12, 2013 Date		
State: Illinois Zip: 60606 Phone Number: 312-984-0144 Docket Number: 0299-0002.02 Email Address: dmundt@emcpc.com 9. Signature: /David M. Mundt/	None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-4199 Authorized User Name David M. Mundt August 12, 2013		

U.S. NATIONAL / INTERNATIONAL PCT APPLICATION ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 0299-0002.02 Client Reference No.:
ASSIGNMENT
For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged,
Name(s) of Inventor(s); Conveying Party(ies)
G. R. Mohan Rao, 800 West Renner Rd., Apt. #1328, Richardson, Texas 75080
1611 WILLINGHAM DRIVE, ALLEN, TEXAS 75013
maker(s) of an invention which is the subject of : (Check applicable boxes and enter serial number and date if available)
a 🗆 United States National Application under 35 U.S.C. 111 et seq. and/or a 🗆 PCT International Application, identified by Application No and filing date, and entitled:
Title of Application
NONVOLATILE MEMORY SYSTEMS WITH EMBEDDED FAST READ AND WRITE MEMORIES
hereinafter (the "Application(s)")
Eugene M. Cummings, PC, One North Wacker Drive, Suite 4130, Chicago, IL 60606, is authorized to insert in parentheses (Application number <u>12/915.177, filed October 29, 2010</u>) the filing date and application number of said application when known.
the undersigned hereby sell(s), assign(s), and set(s) over to:
Name of Assignee(s); Receiving Party(ies);
Greenthread, LLC
Address of principal place of business
1701 North Greenville Avenue, Suite 1108, Richardson, Texas 75081-1850
Insert State of Incorporation (if applicable) or "Not Applicable"
a corporation of Texas

(hereinafter designated as the Assignce) their entire right, title and interest in, to and under the Application(s) throughout the world, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

1

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, I have executed this assignment this 5 to day of August, 2013.
Inventor's Signature
G. R. Mohan Rao Printed Name
ACKNOWLEDGMENT
COUNTY OF Dallas ss:
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seat
this 5th day of August, 2013.
Notary Public Notary Public Notary Public Notary Public My Commission Expires September 03, 2013
My Commission Expires: 9-3-13 Resident of Collin County