

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2720828

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>FENG MIAO</td> <td>06/23/2011</td> </tr> <tr> <td>JIANHUA YANG</td> <td>06/23/2011</td> </tr> <tr> <td>JOHN PAUL STRACHAN</td> <td>06/23/2011</td> </tr> <tr> <td>WEI YI</td> <td>06/23/2011</td> </tr> <tr> <td>GILBERTO MEDEIROS RIBEIRO</td> <td>06/24/2011</td> </tr> <tr> <td>R STANLEY WILLIAMS</td> <td>06/23/2011</td> </tr> </tbody> </table>		Name	Execution Date	FENG MIAO	06/23/2011	JIANHUA YANG	06/23/2011	JOHN PAUL STRACHAN	06/23/2011	WEI YI	06/23/2011	GILBERTO MEDEIROS RIBEIRO	06/24/2011	R STANLEY WILLIAMS	06/23/2011
Name	Execution Date														
FENG MIAO	06/23/2011														
JIANHUA YANG	06/23/2011														
JOHN PAUL STRACHAN	06/23/2011														
WEI YI	06/23/2011														
GILBERTO MEDEIROS RIBEIRO	06/24/2011														
R STANLEY WILLIAMS	06/23/2011														
RECEIVING PARTY DATA															
Name:	Hewlett-Packard Development Company, L.P.														
Street Address:	11445 Compaq Center Drive West														
City:	Houston														
State/Country:	TEXAS														
Postal Code:	77070														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14127873</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14127873										
Property Type	Number														
Application Number:	14127873														
CORRESPONDENCE DATA															
Fax Number:	(970)778-4063														
Phone:	(541)715-8443														
Email:	ipa.mail@hp.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	HEWLETT-PACKARD COMPANY														
Address Line 1:	3404 E. HARMONY ROAD MS 35														
Address Line 2:	INTELLECTUAL PROPERTY ADMINISTRATION														
Address Line 4:	FORT COLLINS, COLORADO 80528														
ATTORNEY DOCKET NUMBER:	83778626														

NAME OF SUBMITTER:	HEATHER ELLIS
Signature:	/Heather Ellis/
Date:	02/10/2014
Total Attachments: 2 source=83778626_14127873 A#page1.tif source=83778626_14127873 A#page2.tif	

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 36
Fort Collins, Colorado 80528

PATENT APPLICATION

PATENT REFERENCE: 700206369WO01

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

HIGH-RELIABILITY HIGH-SPEED MEMRISTOR

Filing Date: June 24, 2011 Application No.: PCT/US2011/041881

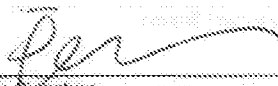

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore, and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, issued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made.

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

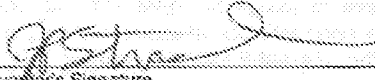
 Inventor's Signature	<u>06/23/2011</u> Date Assignment Signed
Feng Miao Inventor's Typed Name	<u>06/23/2011</u> Date Application Signed
 Inventor's Signature	<u>Jan/23/2011</u> Date Assignment Signed
Jianhua Yang Inventor's Typed Name	<u>Jan/23/2011</u> Date Application Signed

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528


PATENT APPLICATION

PATENT REFERENCE: 700206369WO01


ASSIGNMENT OF PATENT APPLICATION (cont.)


Inventor's Signature 6/23/2011
Date Assignment Signed

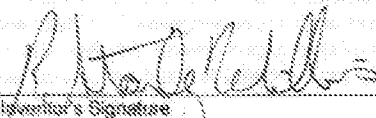
John Paul Strachan
Inventor's Typed Name 6/23/2011
Date Application Signed


Inventor's Signature 6/23/2011
Date Assignment Signed

Wei Yi
Inventor's Typed Name 6/23/2011
Date Application Signed


Inventor's Signature 6/24/2011
Date Assignment Signed

Gilberto Medeiros Ribeiro
Inventor's Typed Name 6/24/2011
Date Application Signed


Inventor's Signature 6/23/2011
Date Assignment Signed

R Stanley Williams
Inventor's Typed Name 6/23/2011
Date Application Signed

Inventor's Signature Date Assignment Signed

Inventor's Typed Name Date Application Signed

Inventor's Signature Date Assignment Signed

Inventor's Typed Name Date Application Signed