ATTORNEY DOCKET NO. ____200600682-2__

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Name of conveying party(ies): Jeffry S. SYLVESTER	2. Name and address of receiving party(ies): HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 11445 Compaq Center Drive West Houston, TX 77070
Additional name(s) of conveying party(ies) attached? □Yes 巫	No Additional name(s) and address(es) attached? ☐Yes ☑No
3. Nature of Conveyance:	
■ Assignment	e of Name Security Agreement Soint
Other	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: A. Patent Application No.(s) Application No.: 12/484, 578 Date Filed: 6/15/2009 Confirmation No.: 1594 B. Patent No.(s):	
Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
	7. Total Fee (37 CFR 3.41):\$40.00
Records Manager Intellectual Property Administration	Enclosed
HEWLETT-PACKARD COMPANY P.O. Box 272400	X_Authorization to be charged to deposit account.
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: 08-2025
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Petar Kraguljac	6-15-2009
Name of Person Signing Si	gnature Date
Total number of pages including coversheet, attachments, and documents: 2	
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PATENT REEL: 022826 FRAME: 0974 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO.

200600682-1

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:

BALL GRID ARRAY CONNECTION MONITORING SYSTEM AND METHOD Filing Date: Application No.: and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-j-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 Patant, I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enloyed 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, ressued 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 coverant 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 dolay, oxecute 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 logal 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 caths 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 aforesald, 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. IN WITNESS WHEREOF, I/we horounto set my/our hand(s) and seal(s): inventor's Signature (Seal) Opeil 35 2006
Date Application Signed Jeffry S. SYLVESTER Inventor's Typed Name State of County of Before me this , personally appeared Jeffry S. SYLVESTER who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the laregoing instrument of assignment to be his/her free act and doed. Notary Public My Commission Expires: Page 1 of 1 Rev 10/05(Assignment)

PATENT

RECORDED: 06/15/2009

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