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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

## **PATENT APPLICATION**

ATTORNEY DOCKET NO. 200602554-1

## **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: MEMORY MODULE AND METHOD FOR MIRRORING DATA BY RANK		
Filing Date: 4/27/2007	Apr	Dication No.: 11/741,487
P's), divisionals, and renewals Patent of the United States a	of and substitutes for said applica	any and all continuations, continuations-in-part (C-l ation for said Letters Patent, and any and all Letter hich may be granted thereon or therefore; and any
held and enjoyed by HPDC, its terms for which said Letters P same would have been held at AND I/we hereby cov we have not executed and will that I/we will, each time a requirecessary or desirable to per Patent, to HPDC, its success HPDC, or to its nominee, all k Letters Patent, to testify in any continuations, C-I-P's, reissue do everything possible to aid enforce, for its or their own be countries provided the expensional by HPDC;  AND I/we hereby aut and any official of any count applications as aforesaid, to it Patent for said invention(s) or be issued and granted on or as I/we further authorized application now identified by the same and the said inventified by the same and the said invention(s) or be issued and granted on or as I/we further authorized application now identified by the same and the said invention(s) or be issued and granted on or as I/we further authorized application now identified by the same and the said invention is the said invention in the said invention in the said invention is the said invention in the said invention in the said invention is the said invention in the said inve	s successors, assigns, nominees of atent respectively may be granted and enjoyed by me/us had this assignant that I/we have full right to content that I/we have full right to content that I/we have full right to content in the function of the second and without undue of fect the title to said invention(s) cons, assigns, nominees or legal interpolations are legal proceedings, to sign all law and foreign applications, to make HPDC, its successors, assigns, enefit, proper patent protection for ses which may be incurred by methorize and request the Commission of the HPDC, as assignee of the improvement(s), including any arcs are sult of the application afores and direct the attorneys of recontent attorney docket number and the	my/our name for Letters Patent in any country, to be or legal representatives, to the full end of the term of d, reissued or extended, as fully and entirely as the gnment, and transfer not been made; convey the entire interest herein assigned, and that lonflict herewith, and I/we further covenant and agree elay, execute and deliver all such papers as may be or improvement(s), said application and said Letters representatives, and I/we agree to communicate to tion(s) or improvement(s), said application and said ful papers, to execute all disclaimers and divisionals all rightful oaths and declarations, and generally to nominees and legal representatives to obtain and resaid invention(s) or improvement(s) in any and a lefus in lending such cooperation and assistance and other of Patents and Trademarks of the United States whose duty it is to issue patents of the entire right, title and interest, any and all Letters and Il Letters Patent of the United States which material, in accordance with the terms of this assignment and to insert the serial number and filing date of said itle set forth above as soon as the same shall have
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( Mark Shaw		5 -3-07
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State of	) ) ss.:	
County of	)	
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known or proved to me on the bassignment to be his/her free act		ne person who acknowledged the foregoing instrument of
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