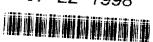
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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To the Honorable Commissioner of Patents and Trademarks: Please record the	ne attached original documents or copy thereof.
Name of conveying party(ics):	2. Name and address of receiving party(ies):
Sompong Paul Olarig, David J. Koenen, Chai S. Heng	Name: Compaq Computer Corporation
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No  3. Nature of conveyance:	Internal Address:  Street Address:20555 S.H. 249 CCA 11_
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	City: Houston State: Zip:
Execution Date: <u>7/6/98; 6/19/98; 6/12/98</u>	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new app 6/12/98	lication, the execution date of the application is: 7/6/98; 6/19/98;
A. Patent Application No(s).	B. Patent No(s).
Additional nu	lumbers attached? □ Yes ■ No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
Name: Albert B. Kimball, Jr.	7. Total fee (37 C.F.R. § 3.41)
Internal Address: Pravel, Hewitt & Kimball	☐ Authorized to be charged to deposit account
Street Address: 1177 W. Loop South, 10th Floor	8. Deposit account number:  16-2435
City: Houston State: TX Zip: 77027-9095	(Attach duplicate copy of this page if paying by deposit account)
DO NO	I USE THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing of the original document.	information is true and correct and any attached copy is a true copy
Albert B. Kimball, Jr., Reg. No. 25,689	7/13/98 Date
20/1998 JSHABAZZ 00000212 09114426 Total number of pages	including cover sheet, attachments and document: 4
FC:581 40.00 OP	

## **ASSIGNMENT**

WHEREAS, we, Sompong Paul Olarig, David J. Koenen and Chai S. Heng, are joint inventors of METHOD AND APPARATUS FOR SUPPORTING HETEROGENEOUS MEMORY IN COMPUTER SYSTEMS application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, COMPAQ COMPUTER CORPORATION, a corporation created and existing under and by virtue of the laws of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by COMPAQ COMPUTER CORPORATION and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to COMPAQ COMPUTER CORPORATION, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, reexaminations and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by COMPAQ COMPUTER CORPORATION for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted, reexamined or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to COMPAQ COMPUTER CORPORATION, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to COMPAQ COMPUTER CORPORATION, its successors, assigns, or other legal representatives and that if COMPAQ COMPUTER CORPORATION, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

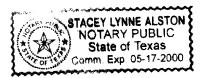
And we do further covenant and agree that we will, at any time upon request, communicate to COMPAQ COMPUTER CORPORATION, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the

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file history thereof as may be known to us, and testify as to the same in any interference or
other litigation when requested so to do, without further compensation but at the expense
of said assignee, its successors, or other legal representatives.

of said assignee, its successors, or on	ner legal representatives.			
EXECUTED THIS 6th day	of July , 199 8.			
	SOMPONG PAUL OLARIG			
STATE OF TEXAS	§			
COUNTY OF HARRIS	§ § §			
SOMPONG PAUL OLARIG, known	ed authority, on this day personally appeared in to be to be the person whose name is subscribed to wledged to me that he executed the same for the expressed.			
GIVEN UNDER MY HAND	and seal of office this <u>(c</u> day of			
STACEY LYNNE ALSTON NOTARY PUBLIC State of Texas or Comm. Exp. 05-17-2000	NOTARY PUBLICAN AND FOR THE STATE OF TEXAS			
* * * * * * * * * * * * * * * * * * *				
	DAVID J. KOENEN			
STATE OF TEXAS	<b>§</b>			
COUNTY OF HARRIS	§ §			
J. KOENEN, known to be to be the p	ed authority, on this day personally appeared DAVID person whose name is subscribed to the foregoing that he executed the same for the purposes and			
GIVEN UNDER MY HAND	and seal of office this 17 day of			

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STATE OF TEXAS

EXECUTED THIS _	12	day of	June	, 199	j
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CHAIS. HENG

STATE OF TEXAS

§ § §

**COUNTY OF HARRIS** 

BEFORE ME, the undersigned authority, on this day personally appeared CHAI S. HENG, known to be to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed

GIVEN UNDER MY HAND and seal of office this / day of ine\_\_\_\_, 199 8.

STACEY LYNNE ALSTON **NOTARY PUBLIC** State of Texas Comm. Exp. 05-17-2000

STATE OF TEXAS

76890-01...15940/559 (P-1549)

PATENT REEL: 9316 FRAME: 0760

RECORDED: 07/13/1998