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Correspondent Name and Address Area Code and Telephone Number **(303) 454-2454**

Name (line 1) **Carol W. Burton, Esq.**

Address (line 1) **Hogan & Hartson LLP**

Address (line 2) **1200 17th Street, Suite 1500**

Address (line 3) **Denver, CO 80202**

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments # **2**

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
60/158,359					
09/689,219					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned

PCT		PCT		PCT	
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Number of Properties Enter the total number of properties involved # **2**

Fee Amount Fee Amount for Properties Listed (37 CFR 3,41): \$ **80.00**

Method of payment: Enclosed Deposit Account

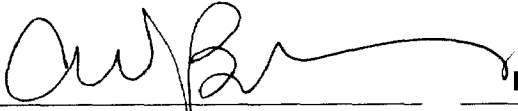
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Carol W. Burton  **December 7, 2000**

Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, I, Kenneth J. MOBLEY, having a residence address of 17070 Remington Road, Colorado Springs, Colorado 80908, am the inventor of a certain new and useful invention relating to METHOD FOR REDUCING THE WIDTH OF A GLOBAL DATA BUS IN A MEMORY ARCHITECTURE, for which I am making or have made applications for Letters Patent of the United States, said applications being identified by Provisional Serial No. 60/158,359 filed October 12, 1999, and U.S. Non-Provisional Serial No. 09/689,219, Docket No. RAM 468 and Client/Matter No. 80412.0131, in the law firm of Hogan & Hartson, LLP, 1200 Seventeenth Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith; and

WHEREAS, Enhanced Memory Systems, Inc., having a business address of 1850 Ramtron Drive, Colorado Springs, Colorado 80921, ("EMS") is desirous of acquiring of all of the right, title and interest in and to said invention, said applications, and the Letters Patent to be obtained therefor.

NOW THEREFORE, for certain good and valuable consideration to me in hand paid, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, and set over, and by these presents do hereby sell, assign, and set over to EMS, and said assignee's legal representatives, successors, and assigns, my entire right, title, and interest in and to said invention, said applications, all continuing applications, reissued and reexamined patents, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to EMS consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, I do hereby covenant and agree with said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration, but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making

application for and obtaining original, continuing, divisional, renewal, reissued or extended Letters Patent of the United States, or of any and all foreign countries, on said invention, and in enforcing any rights or choices in action occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood and the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties.

IN WITNESS WHEREOF, I hereby state I have read the foregoing Assignment and have hereunto set my hand on the date set forth.

Date 8 Nov 00 _____
Kenneth J. Mobley
Kenneth J. MOBLEY

STATE OF Colorado)
) ss.
COUNTY OF El Paso)

On this 8 day of November, 2000, before me, a notary public in and for said county, appeared Kenneth J. MOBLEY, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires 10-30-2003

Witness my hand and official seal.

(S E A L) *Richard E. Doyle*
Notary Public