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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

3R SHEET

U.S. Department of Comm
Patent and Trademark

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Ramtron International Corporation

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date: July 30, 1998

2. Name and address of receiving party(ies)

Enhanced Memory Systems, Inc.
1850 Ramtron Drive
Colorado Springs, Colorado 80921

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application Serial No.
08/615,392

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: William J. Kubida, Esq.

Internal Address: Holland & Hart LLP

P.O. Box 8749

Denver, CO 80201

Street Address: 555-17th Street, #3200

City: Denver State: CO Zip: 80202

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)..... \$ 40.00

☐ Enclosed

☒ Previously submitted

☐ Authorized to be charged to deposit account

8. Deposit account number:

08-2623

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Carol W. Burton

Name of Person signing

Signature

November 5, 1998

Date

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

DENVER:0859952.02

PATENT
REEL: 9552 FRAME: 0715

ASSIGNMENT

WHEREAS, Ramtron International Corporation, a Delaware corporation ("RAMTRON") having a business address of 1850 Ramtron Drive, Colorado Springs, Colorado 80921, now owns the entire right, title and interest in and to certain new and useful inventions and patent application for **COMPUTER HYBRID MEMORY INCLUDING DRAM AND EDRAM MEMORY COMPONENTS, WITH SECONDARY CACHE IN EDRAM FOR DRAM**, for which an application for Letters Patent of the United States is designated Serial No. 08/615,392 filed March 14, 1996, having an attorney docket number of RAM 389 and a client matter number of 35245.8307 in the law firm of Holland & Hart LLP; and

WHEREAS, Enhanced Memory Systems, Inc., a Delaware corporation, ("EMS") desires to acquire the entire interest in and to said inventions, said application, and the Letters Patent to be obtained therefor.

NOW THEREFORE, for and in consideration of good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, RAMTRON hereby sells, assigns and sets over, unto said EMS and said assignee's legal representatives, successors and assigns, the entire right, title, and interest of RAMTRON in and to said inventions, said application, all continuing applications, Letters Patent, reissued patents and re-examined patents, both foreign and domestic, that issue or claim priority therefrom; and RAMTRON does hereby authorize and request the Commissioner of Patents & Trademarks and all foreign patent offices to issue said Letters Patent to EMS, consistent with the terms of this Assignment.


UPON SAID CONSIDERATION, RAMTRON does hereby covenant and agree with EMS that it will not execute any writing or do any act whatsoever conflicting with these presents, and that RAMTRON will, at any time upon request, without further or additional consideration, but at the expense of EMS, execute such additional assignments and other writings and do such additional acts as EMS may deem necessary or desirable to perfect EMS's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, reissued or extended Letters Patent of the United States, or of any and all foreign countries, on said inventions, and in enforcing any rights or chooses in action accruing 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 that the

foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, I hereby state that I am properly authorized to execute this Assignment on behalf of assignor Ramtron International Corporation and have hereunto set my hand on the date after set forth.

RAMTRON INTERNATIONAL CORPORATION

Date: July 30, 1998


By: Greg B. Jones
Title: President & COO

STATE OF COLORADO)

COUNTY OF EL PASO)

ss.

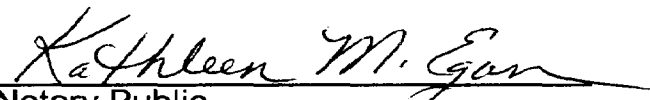
On this 30 day of July, 1998, before me, a notary public in and for said county, appeared Greg B. Jones, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires February 7, 2002

Witness my hand and official seal.

(SEAL)

DENVER:0857328.01


Notary Public