

FORM PTO-1595 (modified)

(Rev 6-93)

RECOR

06-17-2004



:ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Director of the United States Patent and

102770239

and original documents or copies thereof.

1. Name of conveying party(ies):

*6.16.04*  
**Adaptive Micro Systems Holdings, Inc**  
**7840 N. 86th Street**  
**Milwaukee, WI 53224**

2. Name and address of receiving party(ies):

**Adaptive Micro Systems, LLC.**  
**7840 N. 86th Street**  
**Milwaukee, WI 53224**

Additional conveying party(ies)

NO

3. Nature of conveyance:

**ASSIGNMENT**

Execution Date:

**October 1, 2003**

Additional name(s) &amp; address(es) attached

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

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

A. Patent Application Number(s):

**09/168,003**

B. Patent Number(s):

**6,675,514; 6,476,883; 6,034,970; 5,872,926;**  
**5,451,979; D360,847; 5,043,716; 4,603,496**

Additional numbers attached? **NO**

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

**Paul S. Hunter**  
**FOLEY & LARDNER LLP**  
**150 East Gilman Street**  
**Madison, Wisconsin 53703-1481**

6. Total number of applications/patents involved: **9**7. Total fee (37 C.F.R. § 3.41): **\$360.00**

— Check Enclosed

☒ Charge any additional amount, or credit any  
 overpayment, to Deposit Account No. 50-2350

8. Deposit account number: **50-2350**

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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.*

**Paul S. Hunter**

Name of person signing

*Michelle Manning*  
 Signature

June 11, 2004

Date

*Michelle Manning (Reg. No. 50,592) for Paul Hunter*  
 total number of pages including cover sheet, attachments, and document: **5**

06/17/2004 LMUELLER 00000039 502350 09168003

01 FC:8021 360.00 DA

003.495865.1

**PATENT**  
**REEL: 015452 FRAME: 0691**

**INTELLECTUAL PROPERTY ASSIGNMENT**

This is an Intellectual Property Assignment executed by and between ADAPTIVE MICRO SYSTEMS HOLDINGS, INC. (ASSIGNOR) and ADAPTIVE MICRO SYSTEMS, LLC (ASSIGNEE).

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, ASSIGNOR agrees to sell, assign and transfer and hereby sells, assigns, and transfers unto ASSIGNEE the entire right, title and interest in the United States and in all foreign countries in and to (a) the Patents (listed in Exhibit A), (b) the Patent Applications (listed in Exhibit B), (c) the Inventions disclosed and/or claimed in the Patents and/or the Patent Applications (including all legal equivalents of the Inventions), and (d) the Trademarks (listed in Exhibit C).

The assignment and transfer of rights to ASSIGNEE shall include (a) the right to file in the United States or any foreign countries any related application, continuation (or request for continued examination or the like), division, renewal, and substitute, any application for reissue or request for reexamination, petition or other instrument relating to the Patents, the Patent Applications or the Inventions, (b) the right to claim priority in the United States or any foreign country for any inventions disclosed and/or claimed in the Patents the Patent Applications and (c) the right to assert and recover any and all claims arising under the Patents or Patent Applications (including the right to sue for and collect damages including by reason of past infringement) in the United States or any foreign country.

ASSIGNOR

By:

Thomas J. Mandler  
Authorized Representative

Print Name: Thomas J. Mandler

Title: President, Adaptive Micro Systems Holdings, Inc.

Date: October 1, 2003

ASSIGNEE

ADAPTIVE MICRO SYSTEMS, LLC.  
7840 North 86<sup>th</sup> Street.

Milwaukee, WI 53224

By:

Thomas J. Mandler  
Print Name: Thomas Mandler

Title: President

Date: October 1, 2003

**EXHIBIT A****Patents**

<b>Patent No.</b>	<b>Title</b>	<b>Issue Date</b>	<b>Country</b>
6,675,514	Message Center Enclosure and Method for Making Same	Jan. 13, 2004	USA
6,476,883	Enclosure System for Electronic Displays and Method for Making Same	Nov. 5, 2002	USA
6,034,970	Intelligent Messaging System and Method for Providing and Updating a Message Using a Communication Device, Such as a Large Character Display	Mar. 7, 2000	USA
5,872,926	Integrated Message System	Feb. 16, 1999	USA
5,451,979	Display Driver with Duty Cycle Control	Sept. 19, 1995	USA
D360,847	Panel for Electronic Display	Aug. 1, 1995	USA
9,417,326	Electronic Display Including a Plurality of Display Elements	May 12, 1995	Germany
2,712,108	Electronic Display Including a Plurality of Display Elements	May 12, 1995	France
5,043,716	Electronic Display with Lens Matrix	Aug. 27, 1991	USA
4,603,496	Electronic Display with Lens Matrix	Aug. 5, 1986	USA

A-1

003.423003.2

**EXHIBIT B****Patent Applications**

Application No.	Title	Filing Date	Country	Status
09/168,003	Light Emitting Diode (LED) Displays with Enhanced Viewing Angle	Oct. 7, 1998	USA	Pending

B-1

003.423003.2

**EXHIBIT C****Adaptive Micro Systems' Trademarks**

MARK	COUNTY/ STATE	APPL/REG. NO.	APPL/REG. DATE	STATUS	OWNER
ADAPTIVE MICRO SYSTEMS, INC.*	U.S.	2,816,273	February 24, 2004	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
ALPHA	U.S.	2,422,596	January 23, 2001	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
ADAPTIVE & Design <div>ADAPTIVE</div>	U.S.	2,437,912	March 27, 2001	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
SMART ALEC	U.S.	2,102,075	September 30, 1997	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
POWerview	U.S.	2,064,104	May 20, 1997	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
BIG DOT	U.S.	1,930,268	October 24, 1995	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
BETA-BRITE	U.S.	1,743,882	December 29, 1992	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
BETA-BRITE	Canada	TMA431179	July 29, 1994	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
BETA-BRITE	Mexico	451,427	February 4, 1994	Registered	Adaptive Micro Systems, Inc. (Milw., WI)
ADAPTIVE MICRO SYSTEMS	Wisconsin	N/A	N/A	N/A	Adaptive Micro Systems, Inc. (Milw., WI)
ALPHA 2100	Wisconsin	WI30000172 62	February 9, 1983	Registered	Adaptive Micro Systems, Inc. (Butler, WI)
AMS	Wisconsin	WI30000172 61	February 9, 1983	Registered	Adaptive Micro Systems, Inc. (Butler, WI)
ADAPTIVE MICRO SYSTEMS	France	93 494206	November 29, 1993	Registered	Adaptive Micro Systems Europe (France)

C-1

003.423003.2