

04-17-2001



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PATENT TRADEMARK OFFICE

U.S. Department of Commerce
Patent and Trademark Office
PATENT

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APR 1

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type☐ New☐ Resubmission (Non-Recordation)

Document ID#

☐ Correction of PTO Error

Reel #

Frame #

☒ Corrective Document

Reel # 009993

Frame # 0450

Conveyance Type☐ Assignment☐ Security Agreement☐ License☐ Change of Name☐ Merger☒ Other correct Assignee's name

U.S. Government

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File☐ Secret File**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

Name (line 1) Advanced MicroMachines Incorporated

Execution Date
Month Day Year
03 25 99

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

08995829

Receiving Party☐ Mark if additional names of receiving parties attached

Name (line 1) Rosemount Aerospace Inc.

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 14300 Judicial Road

Address (line 2)

Address (line 3) Burnsville

City

Minnesota

State/Country

55306

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

04/16/2001 LMUELLER 00000277 08995829

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231**PATENT****REEL: 011677 FRAME: 0308**

Correspondent Name and Address

Area Code and Telephone Number **937-443-6838**

Name **Steven J. Elleman**

Address (line 1) **Thompson Hine & Flory LLP**

Address (line 2) **P.O. Box 8801**

Address (line 3) **Dayton, Ohio 45401-8801**

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

5

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)

08995829

09191966

09245272

09080326

09262998

Patent Number(s)

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

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

5

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **200.00**

Method of Payment:
Deposit Account

Enclosed ☒

Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

20-0809

Authorization to charge additional fees:

Yes

☒

No

☐

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. Charges to deposit account are authorized, as indicated herein.

Steven J. Elleman

Name of Person Signing

Signature

Date

3/30/01

PATENT AND INVENTION ASSIGNMENT

This ASSIGNMENT is made as of this 25 day of March,

1999 by Advanced MicroMachines Incorporated, an Ohio corporation, having its principal place of business at 11000 Cedar Avenue, Cleveland Ohio 44106, hereinafter referred to as "AMMi".

WITNESSETH:

WHEREAS, AMMi is the owner of the patents and patent applications listed on the attached Schedule A (the "Patents") and the rights to the inventions listed on the attached Schedule B (the "Inventions"); and

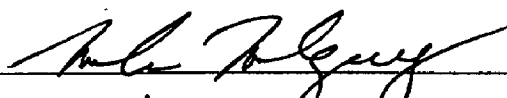
WHEREAS, ROSEMOUNT AEROSPACE INC., a Delaware corporation ("Rosemount Aerospace") having its principal place of business at 14300 Judicial Road, Burnsville, Minnesota 55306, desires to acquire said Patents and Inventions;

NOW, THEREFORE, in consideration of the premises and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, AMMi does hereby sell, assign, transfer, set over, convey and deliver to Rosemount Aerospace all its right, title and interest in, to and under (1) said Patents and the inventions covered thereby, and any continuations, substitutions, divisions, reissues, modifications and extensions thereof, and all priority rights, together with all claims for damages by reason of past infringement of said Patents, with the exclusive right to sue for and collect said damages and (2) the Inventions;

ALL OF THE FOREGOING to be held and enjoyed by Rosemount Aerospace for its own use and for the use of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by AMMi if this transfer to Rosemount Aerospace had not been made.

IN WITNESS WHEREOF, the undersigned has caused this instrument to be duly executed as of the day and year first above written.

ADVANCED MICROMACHINES INCORPORATED

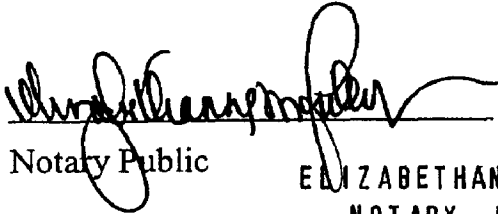
By: 
Name: Mehran Mehregany
Title: President

STATE OF)

) ss.:

COUNTY OF)

On this 15th day of March, 1999, before me personally came Moham Mehrezy to me known, who, being by me sworn, did depose and say that he resides at Hunting Valley, Ohio; that he is the President of ADVANCED MICROMACHINES INCORPORATED, the corporation described in and which executed the above instrument; and that he signed his name thereto by authority of the Board of Directors of said corporation.


Notary Public

ELIZABETHANNE FULLER
NOTARY PUBLIC
STATE OF OHIO
COMM. EXPIRES 5/27/03

SCHEDULE A: PATENTS AND PATENT APPLICATIONS

Application Title	Application Type Calfee, Halter & Griswold Docket No.	Serial Number	Filing Date
Media Compatible Packages for Pressure Sensing Devices	US Utility Patent Application (CHG# 04001)	08/995,829	12/22/97
Media Compatible Packages for Pressure Sensing Devices	PCT Patent Application (CHG# 04023)	98/27388	12/22/98
Media Compatible Packages for Pressure Sensing Devices	US Utility CIP Patent Application (CHG# 04017)	09/214,273	2/1/99
Flexible Silicon Strain Gage	US Provisional Patent Application (CHG# 04016)	60/094,358	7/28/98
Flexible Silicon Strain Gage	US Provisional Patent Application (CHG# 04018)	60/105,250	10/22/98
Flexible Silicon Strain Gage	US Utility Patent Application (CHG# 04018)	09/245,272	2/5/99
Flexible Manufacturing Process	US Provisional Patent Application (CHG# 04005)	60/077,167	3/6/98
Flexible Manufacturing Process	U.S. Utility Patent Application (CHG# 04005)	Express Mail No. EL085317454US	3/5/99
Methods for Strengthening Silicon Micro-machined Mechanical Components	US Provisional Patent Application (CHG# 04006)	60/078,295	3/17/98
Methods for Strengthening Silicon Micro-machined Mechanical Components	US Utility Patent Application (CHG# 04000)	09/191,966	11/13/98

Application Title	Application Type Calfee, Halter & Griswold Docket No.	Serial Number	Filing Date
Design and Fabrication of Broadband Surface-Micromachined Micro-Electro-Mechanical Switches for Microwave and Millimeter-Wave Applications	U.S. Utility Patent Application - Co-owned with Hughes Research Laboratories	09/080,326	5/15/98
Micromachined Silicon Capacitive Differential Pressure Sensor	US Provisional Patent Application (CHG# 21772/04024)	TBD	TBD

SCHEDULE B: INVENTIONS

a.	Title
	Capacitive Pressure Sensor CP-X
	2 Way Microvalve NC-201
	Angular Rate Sensor
	Heat Sink Hi-Q
	LED Pressure Indicator CP1-01
	Micromechanical Temperature Memory Switch (MTMS) - fabrication process for MTMS
	Heat Flux Sensors
	Thin Pressure Sensor Design
	Conformal Strain Gage Array
	Conformal Pressure Array
	Conformal Heat Flux Array
	RF Wireless Data Acq. S-RF1
	8 Channel Data Acq. SMR-8
	Icing Sensor - See Schedule 3.6
	Integrated Pressure Sensor RP-X
	3 Axis Accelerometer 3XA-1 by DRIE



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 04, 1999

PTAS

THOMPSON HINE & FLORY LLP
STEVEN J. ELLEMAN
P.O. BOX 8801
DAYTON, OH 45401-8801



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/02/1999

REEL/FRAME: 009993/0450
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ADVANCED MICROMACHINES
INCORPORATED

DOC DATE: 03/25/1999

ASSIGNEE:

ROSEMOUNT AEROSPACE, INC.
14300 JUDICIAL ROAD
BURNSVILLE, MINNESOTA 55306

SERIAL NUMBER: 08995829
PATENT NUMBER:

FILING DATE: 12/22/1997
ISSUE DATE:

SERIAL NUMBER: 08214273
PATENT NUMBER: 5615789

FILING DATE: 03/16/1994
ISSUE DATE: 04/01/1997

SERIAL NUMBER: 60094358
PATENT NUMBER:

FILING DATE: 07/28/1998
ISSUE DATE:

SERIAL NUMBER: 60105250
PATENT NUMBER:

FILING DATE: 10/22/1998
ISSUE DATE:

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AUG 18 1999

INTELLECTUAL PROPERTY
LAW GROUP
THOMPSON HINE & FLORY LLP

PATENT
REEL: 011677 FRAME: 0315

EXHIBIT

Patent and Invention Assignment

Dated March 25, 1999

by and between Advanced MicroMachines Incorporated
and Rosemount Aerospace, Inc.

Patent Applications to be Assigned:

08/995,829

09/214,273

60/094,358

60/105,250

09/245,272

60/077,167

09/262,998 (corresponding to Express Mail No. EL085317454US)

60/078,295

09/191,966

09/080,326