

04-17-2001



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APR

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Document ID#

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Conveyance Type

Assignment Security Agreement

License Change of Name

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Departmental File Secret File

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Name (line 1) Execution Date Month Day Year

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04/16/2001 LMUELLER 00000277 08995829
01 FC:581 200.00 UP

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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

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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

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)

<input type="text" value="08995829"/>	<input type="text" value="09191966"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="09245272"/>	<input type="text" value="09080326"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="09262998"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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 <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved. #

Fee Amount

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

Method of Payment: Enclosed Deposit Account

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

Deposit Account Number: #

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

3/30/01

Name of Person Signing

Signature

Date

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

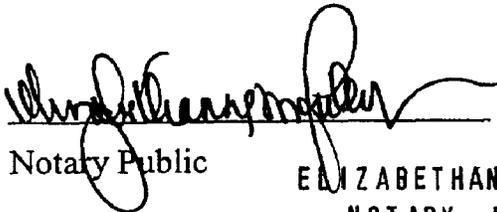
By: 
Name: Mehran Mehregany
Title: President

STATE OF)

) ss.:

COUNTY OF)

On this 15th day of March, 1999, before me personally came Moham Mehrooz 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
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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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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