

Form **PTO-1595** 100000303 (Rev. 03/01)

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	Please record the attached original documents or copy thereof.	
Name of conveying party(ies):	2. Name and address of receiving party(ies)	
William A. Clark James Doscher	Name: Analog Devices, Inc.	
Thor Juneau	Internal Address:	
07/00/00	ř 	
Additional name(s) of conveying party(ies) attached? Yes No		
3. Nature of conveyance:		
Assignment 🖵 Merger	Street Address: One Technology Way	
Security Agreement 📮 Change of Name	Officer Address. One Technology way	
Qther	P.O. Box 9106	
	City: Norwood State: MA Zip: 02062-9106	
Execution Date: 03/03/2002; 03/04/2002	Oldie.Mil Zip.	
Execution Date:	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 appli	cation, the execution date of the application is: $\frac{03/04/2002}{1}$	
A. Patent Application No.(s)	B. Patent No.(s)	
Unknown		
Additional numbers attached? 📮 Yes 🍱 No		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name:Brian I. Marcus, Esq.	7. Total fee (37 CFR 3.41)\$_40.00	
Internal Address:	☑ Enclosed	
Vierra Magen Marcus Harmon & DeNiro LLP	Authorized to be charged to deposit account	
	8. Deposit account number:	
Street Address: 685 Market Street, Suite 540	o. Bopoon account number.	
01100171dd1000	501826	
City: San Francisco State: CA Zip: 94105	(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.		
Brian I. Marcus 03/06/2002		
Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments, and documents: 4		

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

03/13/2002 HNOOR1 00000027 501826 10092193 01 FC:581 40.00 OP

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

- (1) William A. Clark, a resident of 35624 Terrace Drive, Fremont, California 94563,
- (2) Thor Juneau, a resident of 1812 Delaware Street, Berkeley, California 94703, and
- (3) James Doscher, a resident of 23 Main Street, Westford, Massachusetts 01886,

have invented certain new and useful improvements in:

PARALLEL PLATE ELECTROSTATIC ACTUATION OF MEMS MIRRORS

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

1.	<u>X</u> .	on the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature;
	Or	
2.	-	Said application having SC/Serial Number and filed on the day of, 2001.

WHEREAS <u>Analog Devices</u>, <u>Inc.</u> (hereinafter termed "Assignee"), a corporation of the State of <u>Massachusetts</u>, having a place of business at <u>One Technology Way</u>, <u>P.O. Box 9106</u>, <u>Norwood</u>, State of <u>Massachusetts</u>, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

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PATENT REEL: 012668 FRAME: 0851

- Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee:

Date of Execution of Declaration for Patent Application:

MARCH 4, 2001

William A. Clark

State of

On March 47th 2002

Defore me, ANDREW 10 to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity/ees), and that by his/her/their signature(s) on the instrument the person(s) whose name(s) is/as subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity/ees), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

ANDREW ADIKRIBAPI

COMM. # 1321730

NOTARY PUBLIC-CALIFORNIA O

ALAMEDA COUNTY O

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	(2) The Junear
	Thor Juneau
State of CALIFORNIA)
State of CALIFORNIA County of ALAMEDA)
on MARCH 4TH 2002	before me, ANDREW BAPI
the person(s) whose name(s) is/are subscribed to the	(name and title of officer) y known to me (or proved to me on the basis of satisfactory evidence) to be ne within instrument and acknowledged to me that he/she/they executed the hat by his/her/their signature(s) on the instrument the person(s), or the entity I the instrument.
WITNESS my hand and official seal.	
Signature	
ANDREW ADIKRI BAPI Z COMM. # 1321730 ALAMEDA COUNTY () COMM. EXP. SEPT. 22, 2005	*********
	n for Patent Application: MARCH 3, 2002
	(3) James Doscher
	/
State of Massachusotts)
County of Middlesex)
on March 2nd 2002	before me, <u>Jonathan Bronsdon</u> ,
personally appeared James Dosch & Fersonall the person(s) whose name(s) is/are subscribed to the	(name and title of officer) y known to me (or proved to me on the basis of satisfactory evidence) to be ne within instrument and acknowledged to me that he/she/they executed the that by his/her/their signature(s) on the instrument the person(s), or the entity
WITNESS my hand and official seal.	
Signature Jenath Bro	nel
JONATHAN BRONSDON Notary Public, Massachusetts **********************************	
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Attorney Docket No.: AIMI-01834US0 LEV /aimi/1834/1834-assignment	

RECORDED: 03/06/2002

Date of Execution of Declaration for Patent Application: March 4, 2002

PATENT REEL: 012668 FRAME: 0853