Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005) R 102847	United States Patent and Trademark Office	
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.	
Name of conveying party(ies)/Execution Date(s): ANDREW T.K. TANG, TREY ROESSIG, DAVID THOMSON AND JONATHAN AUDY	2. Name and address of receiving party(ies) Name: ANALOG DEVICES, INC. Internal Address:	
Execution Date(s) 9/17/04 Additional name(s) of conveying party(ies) attached? Yes V No 3. Nature of conveyance:	Street Address: ONE TECHNOLOGY WAY	
Assignment Merger Security Agreement Change of Name	City: NORWOOD	
Government Interest Assignment Executive Order 9424, Confirmatory License	State: MASSACHUSETTS Country: U.S.A. Zip: 02062	
Other	Additional name(s) & address(es) attached? Yes No	
4. Application or patent number(s): This A. Patent Application No.(s) Additional numbers att	document is being filed together with a new application. B. Patent No.(s) tached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: KOPPEL, JACOBS, PATRICK & HEYBL	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address:	Authorized to be charged by credit card Authorized to be charged to deposit account	
Street Address: 555 ST. CHARLES DR., STE. 107	Enclosed None required (government interest not affecting title)	
City: THOUSAND OAKS	8. Payment Information	
State: CA Zip: 91360	a. Credit Card Last 4 Numbers	

Total number of pages including cover STEVEN C. PATRICK sheet, attachments, and documents: Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

7/20/2004 SMINASS1 00000062 10943370

9. Signature:

Phone Number: 805 373 0060

Email Address: generalmail@koppelpatent.com

Fax Number: 805 373 0051

Expiration Date

09/17/2004

Authorized User Name Richard S. Koppel

b. Deposit Account Number 11-1580

Docket No. A8SJ2571US

PATENT

ASSIGNMENT

We, Andrew T.K. Tang, residing at 3615 Ethan Court, San Jose, CA 95136, Trey Roessig, residing at 3411 Brookmill Ct., Fremont, CA 94536, David Thomson, residing at 39573 Plumas Ct., Fremont, CA 94538, and Jonathan Audy, residing at 269 Montclair Road, Los Gatos, CA 95032, represent that we have invented improvements in a new and useful PROGRAMMABLE FUSE STATE DETERMINATION SYSTEM AND METHOD for which we have executed an application for Letters Patent of the United States of America on the same day as our execution of this Assignment.

Analog Devices, Inc. (ADI) is a corporation organized and existing under the laws of the State of Massachusetts, has a place of business at One Technology Way, Norwood, Massachusetts 02062, and desires to acquire the entire right, title and interest in and to the invention, application and letters patent to be granted and issued thereon.

For valuable consideration, the receipt and sufficiency of which we acknowledge, we have sold and do hereby sell, assign, transfer and set over unto ADI, its successors and assigns, the entire right, title and interest in and to the invention and all improvements thereon, in and to the application for letters patent themson, in and to applications pertaining to or based upon the invention and application, divisional and continuing applications continuations-in-part, and in and to any and all letters patent which may be granted and issued on the invention and applications, or any of them, in the United States of America, its territories and possessions, and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

We also agree that we will, at the request of ADI, execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that ADI may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in ADI the undivided interests in the right, title and interest in the invention, applications and letters patent.

We also authorize and empower ADI, its successors and assigns to apply for and obtain, in its or their own names, letters patent for the invention before competent International Authorities and in any and all countries foreign to the United States in which applications for letters patent can be so made or letters patent so obtained.

Docket No. A8SJ2571US	PATEN
Signed at $SANTUSE, CA$ (city and state)	, <u>SEPT 17</u> , 2004 (date)
Andrew T.K. Tang	Trey Roessig
David Thomson	Jonathan Audy
WITNESS (type or print name)	WITNESS Andrew Ano
(type or print name)	(type or print name)

ASSIGNMENT

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Docket No. A8SJ2571US		PATENT
Signed at San Jose CA (city and state)	, <u>Sept. (7</u> (date)	_, 2004
Andrew T.K. Tang	Trey Roessig	
David Thomson	Jonathan Audy	
WITNESS TASON RAU	WITNESS WILL CUELLAR	
(type or print name)	(type or print name)	<u> </u>