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4			2.	Name and address of receiving party(ies): Analog Devices, Inc.	M		
	Additional name(s) attached?	☐ Yes ■ No		Norwood, MA 02062-9106			
3.	Nature of conveyance:  ■ Assignment  □ Merger  □ Security Agreement  □ Change of Name  □ Other:	0		Additional names/addresses attached?  ☐ Yes ■ No			
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	<u>As</u> 1. 3.	Additional name(s) attached?  3. Nature of conveyance:  Assignment  Merger  Security Agreement  Change of Name  Other:  Execution Date: July 15, 199  4. Application number(s) or pate If this document is being filed A. Patent Application No.(s): 09/020,590 filed 2/4/98  5. Name/address of party to who concerning document should  Richard M. Sharkansky  Fish & Richardson P.C.  225 Franklin Street  Boston, MA 02110-2804	Assistant Commissioner for Pa 10079 i 661  1. Name of conveying party(ies): Kwan Yee Lee  Additional name(s) attached?  Security Agreement Change of Name Other: Execution Date: July 15, 1998  4. Application number(s) or patent number(s): If this document is being filed with a new application, the A. Patent Application No.(s): 09/020,590 filed 2/4/98  Additional numbers att  5. Name/address of party to whom correspondence concerning document should be mailed: Richard M. Sharkansky Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804  DO NOT USE  9. Statement and signature: To the best of my inowledge and the attached is the original document. Richard M. Sharkansky Name of Person Signing  Total number of pages including cover	Assistant Commissioner for PE 10079 i 661  1. Name of conveying party(ies): 2. Kwan Yee Lee  Additional name(s) attached? Yes No  3. Nature of conveyance: No Name Security Agreement Security Agreement Security Agreement Security Agreement If this document is being filed with a new application, the exect A. Patent Application No.(s): B. 09/020,590 filed 2/4/98  Additional numbers attached  5. Name/address of party to whom correspondence concerning document should be mailed:  7. Richard M. Sharkansky Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804  B. DO NOT USE THIS  9. Statement and signature: To the best of my I nowledge, and be and the attached is the original document.  Richard M. Sharkansky Name of Person Signing Signature  Total number of pages including cover sheet with suffice Assistance.	Assistant Commissioner for Ps  10079 i 661  Name of conveying party(ies): Kwan Yee Lee Additional name(s) attached?   Yes   No  Nature of conveyance: Assignment   Security Agreement   Change of Name   Additional numbers of Name   Additional name(s) attached?   Yes   No  Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No.(s): Og/020,590 filed 2/4/98  Additional numbers attached?   Yes   No  Name/address of party to whom correspondence concerning document should be mailed: Richard M. Sharkansky Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804  DO NOT USE THIS SPACE  Floated M. Sharkansky Name of Person Signing  ER SHEET Y al document.  2. Name and address of receiving party(ies): Analog Devices, Inc. One Technology Way Norwood, MA 02062-9106  Additional names/addresses attached?   Yes   No  Additional numbers attached?   Yes   No  Additional numbers attached?   Yes   No  Total number of applications/patents involved: Total number: 06-1050 If the fee above is being float deposit account additional charges any credits, to our Deposit Account No. 06-108  DO NOT USE THIS SPACE		

## **ASSIGNMENT**

For valuable consideration, I, <u>Kwan Yee Lee</u>, of <u>Jackson Heights</u>, <u>New York</u> hereby assign to Analog Devices, Inc., a Massachusetts corporation having a place of business at One Technology Way, Norwood, MA 02062-9106, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled TRELLIS DECODER WITH SOFT DECISION OUTPUTS, filed February 4, 1998, and assigned U.S. Serial Number 09/020,590,

and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Freaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In Witness Whereof, I hereto set my hand and seal at San Francisco, this 15 day of

3 nly, 1998.

RECORDED: 08/07/1998

Kwan Yee Le	LS.
State of Charles :SS.	
County of In Francisco	
Before me this // day of Jule	
to the foregoing Assignment, and acknowledged that hiddeed for the purposes therein contained.	e/she executed the same as his/her free act and
[Notary's Seal Here]	Notary Public
GERDA LEVY COMM. #1113513	My Commission Expires:

CALIFORNIA AN FRANCISCO COUNTY EXPIRES OCT. 22, 2000

> PATENT REEL: 9372 FRAME: 0311