FORM PTO-1619A Expires 06/30/99 OMB 0651-0027



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

PATENTS ONLY

TO: The Commissioner of Patents and Trade	PAIENIS UNLY	document(s) as a service	
Submission Type	Conveyance Type		
V New 07/14/01		ity Agreement	
Resubmission (Non-Recordation) Document ID#	License Chang	ge of Name	
Correction of PTO Error Reel # Frame #	Merger Other	000	
Corrective Document Reel # Frame #	Frame # (For Use ONLY by U.S. Government Agencies)		
Conveying Party(ies)		e Secret File veying parties attached Execution Date	
Name (line 1) Prabir Maulik		Month Day Year Sep-12-2001	
Name (line 2) Second Party		Execution Date	
Name (line 1)	0 -077	Month Day Year	
	19/95/832		
Name (line 2)	5///5000		
Receiving Party	Mark if additional	names of receiving parties attached	
Name (line 1) Analog Devices, Inc.		If document to be recorded is an assignment and the receiving party is not	
Name (line 2)		domiciled in the United States, an appointment	
Address (line 1) Three Technology Way		of a domestic representative is attached. (Designation must be a separate document from	
Address (line 2)		Assignment.)	
Address (line 3) Norwood	Massachusetts	02062	
Domestic Representative Name ar	nd Address Enter for the first Rec	Zip Code ceiving Party only.	
Name			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
	FOR OFFICE USE ONLY		
0/2001 DBYRME 00000132 09952832 C:581 40.00 QP			

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

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments, Washingtop A: PERP1

REEL: 012172 FRAME: 0965

Area Code and Telephone Number (781) 890-5678 Name Bruce E. Kamerer Address (line 1) Iandiorio & Teska Address (line 2) 260 Bear Hill Road Address (line 3) Waltham, Massachusetts 02451-1018 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 Application, enter the date the patent application Sep-12-2001 If this document is being filed together with a new Patent Application, enter the date the patent application Sep-12-2001 Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number PCT PCT PCT PCT PCT PCT As not been assigned. Number of Properties Enter the total number of properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed J Deposit Account Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes J No Statement and Signature	FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerc Patent and Trademark Office PATENT
Address (line 1) Iandiorio & Teska Address (line 2) 260 Bear Hill Road Address (line 3) Waltham, Massachusetts 02451-1018 Address (line 4) Pages Enter the total number of pages of the attached conveyance document 1	orrespondent Name and Address	Area Code and Telephone Number	(781) 890-5678
Address (line 2) 260 Bear Hill Road Address (line 3) Waltham, Massachusetts 02451-1018 Address (line 4) Pages	Name Bruce E. Kamerer		
Address (line 3) Waltham, Massachusetts 02451-1018 Address (line 4) Pages Enter the total number of pages of the attached conveyance document including any attachments. # 1 Application Number(s) or Patent Number(s)	ddress (line 1) Iandiorio & Teska		
Pages Enter the total number of pages of the attached conveyance document including any attachments. # 1 Application Number(s) or Patent Number(s)	ddress (line 2) 260 Bear Hill Road		
Pages Enter the total number of pages of the attached conveyance document including any attachments. # 1 Application Number(s) or Patent Number(s)	ddress (line 3) Waltham, Massachusetts 02451-1018	}	
including any attachments. # 1 Application Number(s) or Patent Number(s)	ddress (line 4)		
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 of properties involved. Pet PCT	-	es of the attached conveyance docun	
Patent Application Number(s) Patent Number(s) If this document is being filed together with a new Patent Application, enter the date the patent application was executed: Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number PCT has not been assigned. Number of Properties Enter the total number of properties involved. Fee Amount Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: ### 09-0002 Authorization to charge additional fees: Yes No	pplication Number(s) or Patent Num	iber(s) Mark i	f additional numbers attached
If this document is being filed together with a new Patent Application, enter the date the patent application was executed: Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number PCT			• • •
rithis document is being filed together with a new Patent Application, enter the date the patent application was executed: Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number PCT PCT PCT has not been assigned. Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes No	Patent Application Number(s)	Pate	nt Number(s)
rithis document is being filed together with a new Patent Application, enter the date the patent application was executed: Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number PCT PCT PCT has not been assigned. Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes No			
rithis document is being filed together with a new Patent Application, enter the date the patent application was executed: Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number PCT PCT PCT has not been assigned. Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes No			
rithis document is being filed together with a new Patent Application, enter the date the patent application was executed: Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number PCT PCT PCT has not been assigned. Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes No			
rithis document is being filed together with a new Patent Application, enter the date the patent application was executed: Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number PCT PCT PCT has not been assigned. Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes No			Month Day Yes
Enter PCT application number only if a U.S. Application Number PCT		nt Application, enter the date the patent applic	ation
Enter PCT application number only if a U.S. Application Number PCT	atent Cooperation Treaty (PCT)	DOT DOT	nor
has not been assigned. Number of Properties Enter the total number of properties involved. Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes No		PCI PCI	PCI
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ Method of Payment: Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # Authorization to charge additional fees: Yes No	· · · · · · · · · · · · · · · · · · ·	PCT PCT	PCT
Method of Payment: Enclosed Deposit Account Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes No	lumber of Properties Enter the total r	number of properties involved.	# 1
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes V No	ee Amount Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00
(Enter for payment by deposit account or if additional fees can be charged to the Deposit Account Number: # 09-0002 Authorization to charge additional fees: Yes No	<u>-</u>	sed 🚺 Deposit Account	
	, , , , , , , , , , , , , , , , , , , ,		# 09-0002
Statement and Signature	A	Authorization to charge additional fees:	Yes 🗸 No
	tatement 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 Bene E. Kamerer 9/14/2001
Date indicated herein.

Bruce E. Kamerer

Name of Person Signing

ASSIGNMENT

For valuable consideration, I, Prabir Maulik, residing at 205 Walden Street, Apt. 2A, Cambridge, MA 02140, (hereinafter "the Assignor"), hereby assign to Analog Devices, a Massachusetts corporation having its principal place of business at Analog Devices, Inc., Three Technology Way, Norwood, MA 02062, 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 the subject of an application for United States Patent filed on even date herewith entitled

IMAGE-CANCELING QUADRATURE MODULATOR AND METHOD

this assignment including said United States patent and any and all foreign patents granted for said inventions or improvements; and I agree for myself and my 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 Anales Devices wil minthis

12 day of September, 2001.

Prabir Maulik

County of Middlesex

Before me this 12 m day of 5 ptember; 2001, personally appeared Prabir Maulik, known to me to be the person whose name is subscribed to the foregoing assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Notary's seal here]

Notary Public

My commission expires: NOV 19,2004

AD-244J

RECORDED: 09/14/2001

PATENT

REEL: 012172 FRAME: 0967