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

04-09-2003



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Name (line 1)	Shuyun Zhang						March 24, 2003
Name (line 2)							Execution Date Month Day Year
Second Party Name (line 1)	Robert Jeffery McMorrow						Month Day Year March 24, 2003
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OND 0031-0027		PATENT
Correspondent Name and Address	Area Code and Telephone Number $igl[$	781-890-5678
Name Kirk Teska		
Address (line 1) Iandiorio & Teska		
Address (line 2) 260 Bear Hill Road		
Address (line 3) Waltham, MA 02451-1018		
Address (line 4)		
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Kirk Teska	T	3/27/03
Name of Person Signing	Signature	Date

ASSIGNMENT

For valuable consideration, we, Shuyun Zhang, residing at 50 Green Street, Apartment 311, Brookline, MA 02446 and Robert Jeffery McMorrow, residing at 75 Hayward Mill Road, Concord, MA 01742 (hereinafter "the Assignors"), hereby assign to Analog Devices, Inc., a Massachusetts corporation having its principal place of business at 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

AMPLIFIER CIRCUIT

this assignment including said United States patent and any and all foreign patents granted for said inventions or improvements; and we agree for ourselves and our 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.

Before me this Am day of March, 2003, personally appeared Shuyun Zhang and Robert Jeffery McMorrow, known to me to be the persons whose names are subscribed to the foregoing assignment and acknowledged that they executed the same as their free act and deed for the purposes therein contained.

[Notary's seal here]

AD-335J KT:ci Notary Public

My commission expires:

10-13-06

VALERIE A FALLON Notary Public Commonwealth of Massachusetts My Commission Expires October 13, 2006

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