

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael Hennedy	11/12/2004
RECEIVING PARTY DATA	
Name:	Analog Devices, Inc.
Street Address:	One Technology Way
City:	Norwood
State/Country:	MASSACHUSETTS
Postal Code:	02062-9106
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10871794
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Total Attachments: 2 source=2550 A04#page1.tif source=2550 A04#page2.tif	

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ASSIGNMENT

ASSIGNOR: Michael Hennedy

ASSIGNEE: Analog Devices, Inc.
One Technology Way
Norwood, MA 02062-9106

STATE OF INCORPORATION OF ASSIGNEE: Massachusetts

INVENTION: Digital Filter Using Memory to Emulate Variable Shift Register

ATTORNEY DOCKET: 2550/A04

SERIAL NO: 10/871,794

FILED: June 18, 2004

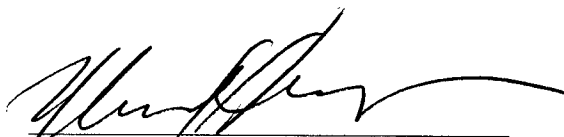
Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 11/12/2004



Michael Hennedy, Assignor

STATE OF NEW JERSEY

County of Middlesex, ss.

November, 2004

On this 12th day of November, 2004, before me, the undersigned notary public, personally appeared Michael Hennedy, proved to me through satisfactory evidence of identification, which consisted of New Jersey Driver's License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.


Notary Public

(seal)

My Commission Expires:

MADEIRA L. PETROCELLI
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/26/2007

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