

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Vladimir Friedman</td><td>10/19/2009</td></tr><tr><td>Reza Alavi</td><td>10/19/2009</td></tr><tr><td>Raju Hormis</td><td>10/19/2009</td></tr><tr><td>Leo Montreuil</td><td>10/19/2009</td></tr></tbody></table>		Name	Execution Date	Vladimir Friedman	10/19/2009	Reza Alavi	10/19/2009	Raju Hormis	10/19/2009	Leo Montreuil	10/19/2009
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Vladimir Friedman	10/19/2009										
Reza Alavi	10/19/2009										
Raju Hormis	10/19/2009										
Leo Montreuil	10/19/2009										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12581740</td></tr></tbody></table>		Property Type	Number	Application Number:	12581740						
Property Type	Number										
Application Number:	12581740										
CORRESPONDENCE DATA											
Fax Number: (408)975-7501 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Correspondent Name: KENYON & KENYON LLP c/o Lin Deng											
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ATTORNEY DOCKET NUMBER:	13641/391101										
NAME OF SUBMITTER:	Lin Deng										
Total Attachments: 5											

OP \$40.00 12581740

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PATENT
REEL: 023392 FRAME: 0891

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*Assignment of Method for Transmitting Sampled Data and Control Information Between A DSP and an RF/Analog Front-End by
Vladimir Friedman, Reza Alevis, Raju Homie and Leo Montemali to Analog Devices*

ASSIGNMENT OF PATENT APPLICATION BY INVENTOR

Whereas I, an undersigned inventor (hereinafter "INVENTOR"), have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD FOR TRANSMITTING SAMPLED DATA AND CONTROL INFORMATION BETWEEN A DSP AND AN RF/ANALOG FRONT-END

for which I have executed a U.S. patent application on even date herewith.

which bears U.S. application serial No. _____, filed _____.

for which I have executed a patent application in the country of _____ on even date herewith.

which I have executed a U.S. provisional application on even date herewith.

which is a U.S. provisional application which bears U.S. application serial No. _____, filed _____.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

(a) Sell, assign and transfer to Analog Devices Inc., a Massachusetts corporation having a place of business at One Technology Way, Norwood, Massachusetts, 02062-9106 (hereinafter "ASSIGNEE"), (1) the entire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties), and; (2) the right to sue third parties for patent infringement (including but not limited to damages) accruing based on activities occurring prior to the execution date hereof.

(b) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

(c) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, and to communicate to the ASSIGNEE any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally perform any acts which are reasonably

necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

(d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTOR.

(e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.

(f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTOR, as well as the INVENTOR's heirs, legal representatives and assigns.

(g) Authorize and request my attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

IN TESTIMONY WHEREOF, I Vladimir Friedman have executed this document on the date indicated below.

Signature of Inventor

Date

Scotch Plains, New Jersey
Inventor's City and State of residence

Witnessed by:

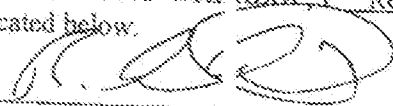
Signature of Witness

Date

Print Witness Name

Witness' City, State of residence

IN TESTIMONY WHEREOF, I, Reza Alavi have executed this document on the date
indicated below.


Signature of Inventor

Oct. 19, 09
Date

Belle Mead, New Jersey
Inventor's City and State of residence

Witnessed by:

Signature of Witness

Date

Print Witness Name

Witnesses' City, State of residence

IN TESTIMONY WHEREOF, I Raju Hormis have executed this document on the date
indicated below.

Raju Hormis
Signature of Inventor

10/19/09
Date

New York, New York
Inventor's City and State of residence

Witnessed by:

Signature of Witness

Date

Print Witness Name

Witness' City, State of residence

IN TESTIMONY WHEREOF, I Leo Montreuil have executed this document on the date
indicated below.

Leo Montreuil

Signature of Inventor

Atlanta, Georgia

Inventor's City and State of residence

Witnessed by:

Jose M Fernandez

Signature of Witness

Jose M Fernandez

Print Witness Name

19 OCT 2009

Date

19 OCT 2009

Date

Lilburn, Ga

Witness' City, State of residence