PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

<table>
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<th>Name</th>
<th>Execution Date</th>
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<td>Vineet Kumar</td>
<td>08/04/2006</td>
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<tr>
<td>Harvey Weinberg</td>
<td>08/03/2006</td>
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<tr>
<td>William Giudice</td>
<td>08/03/2006</td>
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RECEIVING PARTY DATA

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<tr>
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<th>Street Address</th>
<th>City</th>
<th>State/Country</th>
<th>Postal Code</th>
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<td>Analog Devices, Inc.</td>
<td>One Technology Way</td>
<td>Norwood</td>
<td>MASSACHUSETTS</td>
<td>02062-9106</td>
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PROPERTY NUMBERS Total: 1

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<td>Application Number</td>
<td>11440495</td>
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CORRESPONDENCE DATA

Fax Number: (617)443-0004

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617-443-9292

Email: btrigilio@bromsun.com

Correspondent Name: Kathryn E. Noll

Address Line 1: 125 Summer Street

Address Line 4: Boston, MASSACHUSETTS 02110-1618

ATTORNEY DOCKET NUMBER: 2550/B14

NAME OF SUBMITTER: Kathryn E. Noll

Total Attachments: 3

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ASSIGNMENT

ASSIGNOR: Vineet Kumar
          Harvey Weinberg
          William Giudice

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

STATE OF INCORPORATION OF ASSIGNEE: Massachusetts

INVENTION: Sensor Calibration Method and Apparatus

ATTORNEY DOCKET: 2550/B14

SERIAL NO: 11/440,495

FILED: May 25, 2006

Assignor is a joint inventor 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: 8/14/2006

Vineet Kumar, Assignor

COMMONWEALTH OF )
COUNTY OF )

On this 8th day of August, 2006, before me, the undersigned notary public, personally appeared Vineet Kumar, proved to me through satisfactory evidence of identification, which consisted of , 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.

Seal

Notary Public

My commission expires: 4/26/2013

DIRK KUMMERLE
Notary Public
Commonwealth of Massachusetts
My Commission Expires Apr. 26, 2013
Date: AUG 3, 2006

Harvey Weinberg, Assignor

COMMONWEALTH OF )
) COUNTY OF ) AUG 3, 2006

On this 3 day of AUGUST, 2006, before me, the undersigned notary public, personally appeared Harvey Weinberg, proved to me through satisfactory evidence of identification, which consisted of 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.

Seal

Notary Public
My commission expires: 4/26/2013

Date: AUGUST 3, 2006

William Giudice, Assignor

COMMONWEALTH OF MA )
) COUNTY OF MA ) AUG 3, 2006

On this 3 day of AUGUST, 2006, before me, the undersigned notary public, personally appeared William Giudice, proved to me through satisfactory evidence of identification, which consisted of 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.

Seal

Notary Public
My commission expires: