

03-14-2006



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U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 07241.0045
Attorney Customer Number: 22,852

To the Director of the U.S. Patents and Trademarks Office

original documents or copy thereof.

1. **Name of conveying party(ies):**
1) Ken YAMAMURA
2) Akihiro IKEHARA
3) Naoko HYODO

2. **Name and address of receiving party(ies):**
Name: ASAHI KASEI MICROSYSTEMS CO., LTD.

Additional name(s) of conveying party(ies) attached? Yes No

Internal Address:

3. **Nature of conveyance/Execution Date(s):**
Execution Dates 1) February 15, 2006 2) February 15, 2006
3) February 17, 2006

Street Address: 23-7, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 Japan

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

City:

State:	Zip Code:
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Additional name(s) & Address(es) attached?
 Yes No

4. **Application number(s) or patent number(s):**

This document is being filed together with a new application.

A. **Patent Application Number(s):**

B. **Patent Number(s):**

Additional numbers attached? Yes No

5. **Name and address of to whom correspondence concerning document should be mailed:**

Name: Mr. Ernest F. Chapman

6. **Total number of applications and registrations involved:**
1

7. **Total fee (37 CFR 3.41): \$40**
- Authorized to be charged by credit card
 - Authorized to be charged to deposit account
 - Enclosed (Please charge deficiency to deposit account)
 - None required (government interest not affecting title)

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, NW

City: Washington, D.C.

State: Zip: 20001-4413

8. **Payment Information**

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account No.: 06-0916

8. **Statement 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.

Ernest F. Chapman
Reg. No. 25,961

Signature

March 8, 2006
Date

Total number of pages including cover sheet, attachments and documents: 2

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1030806

03/10/2006 DTESSEM1 00000068 11370052
04 FC:8021 (40.00 DP)

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DIGITAL SWITCHING AMPLIFIER

for which I/WE executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on _____, (Serial No. _____); and

WHEREAS, ASAHI KASEI MICROSYSTEMS CO., LTD., a corporation of JAPAN, whose post office address is 23-7, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 / JAPAN (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Ken YAMAMURA	: Assignor's Signature <i>Ken Yamamura</i>	: Date Feb 15 2006
Address c/o Asahi Kasei Microsystems Co., Ltd., 23-7, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 / JAPAN		: Citizenship Japanese
2. Full Name of Second Assignor : Akihiro IKEHARA	: Assignor's Signature <i>Akihiro IKEHARA</i>	: Date Feb 15 2006
Address c/o Asahi Kasei Microsystems Co., Ltd. 23-7, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 / JAPAN		: Citizenship Japanese
3. Full Name of Third Assignor : Naoko HYODO	: Assignor's Signature <i>Naoko Hyodo</i>	: Date Feb 17 2006
Address c/o Asahi Kasei Microsystems Co., Ltd. 23-7, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 / JAPAN		: Citizenship Japanese

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. · WASHINGTON, D.C.

PATENT

RECORDED: 03/08/2006

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