



08-14-2001



101810160

Atty. Docket No.: 1163-0335P
Page 1 of 2

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

NAKAYAMA, Masatoshi

HORIGUCHI, Kenichi

SAKAI, Yuji

IKEDA, Yukio

NAGANO, Junichi

Additional name(s) of conveying party(ies) attached?

☒ YES ☐ NO

08/09/01

2. Name and address of receiving party(ies)

Name: Mitsubishi Denki Kabushiki Kaisha

Internal Address:

Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku

City: Tokyo

State:

ZIP:

Country: Japan

Postal Code: 100-8310

Additional name(s) & address(es) attached? ☐ YES ☒ NO

3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other: Correction of assignee's name

Execution Date: April 4, 2001

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

09/840,181

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

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

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: One (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account,
if no fee attached.

8. Deposit account number: 02-2448

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9. 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.

Michael K. Mutter, #29,680

Name of Person Signing/Reg. No.

Signature

8-9-01

Date

Total number of pages including cover sheet, attachments, and document: Nine (9)

08/14/2001 GTOW11 00000010 09840181

01 FC:581

40.00 DP

MKM/pw

(Rev. 06/29/01)

PATENT
REEL: 012055 FRAME: 0242

Attachment to
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

SENDA, Haruyasu

Continuation of Box 2--Name and address of receiving party(ies):

Continuation of Box 4--Application number(s) or patent number(s):

05-01-2001



101696760

Atty. Docket No.: 1163-0335P

Page 1 of 1

RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:
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4.74.01

1. Name of conveying party(ies):

NAKAYAMA, Masatoshi; HORIGUCHI, Kenichi;
SAKAI, Yuji; IKEDA, Yukio; NAGANO, Junichi;
SENDA, Haruyasu

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

2. Name and address of receiving party(ies)

Name: MITSUBISHI DENKI KABUSHI KAISHA

Internal Address:

Kabu shiki

Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku

City: Tokyo

State:

ZIP:

Country: Japan

Postal Code: 100-8310

Additional name(s) & address(es) attached? ☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date: April 4, 2001

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

If this document is being filed together with a new application, the execution date of the application is:

April 4, 2001

A. Patent Application No(s).

New

B. Patent No.(s).

09840181

Additional numbers attached? ☐ YES ☒ NO

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

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

04/25/2001 HLE333 00000029 09840181

02 FC:581

40.00

6. Total No. of applications/patents involved: One (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account,
if no fee attached.

8. Deposit account number: 02-2448

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9. 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.

Michael K. Mutter, #29,680

Name of Person Signing/Reg. No.

Signature

April 24, 2001

Date

Total number of pages including cover sheet, attachments, and document: Three (3)

MKM/cqc

PATENT
REEL: 012055 FRAME: 0244

ATTORNEY DOCKET NO.

1163-0335P

ASSIGNMENT

Application No. New

Filed April 24, 200

Insert Name(s)
of Inventor(s)

➡ WHEREAS, Masatoshi NAKAYAMA, Kenichi HORIGUCHI, Yuji SAKAI,
Yukio IKEDA, Junichi NAGANO and Haruyasu SENDA, all of c/o
MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku,
Tokyo 100-8310 Japan

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title
of Invention

➡ "FEEDFORWARD AMPLIFIER"

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date
of Signing of
Application

➡ on April 4, 2001; and

Insert Name
of Assignee

➡ WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA

Insert Address
of Assignee

➡ of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

CHECK BOX
IF APPROPRIATE

➡ ☐ its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and ☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

PATENT

REEL: 012055 FRAME: 0245

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

Atty Dckt No.: 1163-0335P

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>April 4, 2001</u>	Name of Inventor	<u>Masatoshi NAKAYAMA</u>	<u>Masatoshi Nakayama</u> (signature)
Date	<u>April 4, 2001</u>	Name of Inventor	<u>Kenichi Horiguchi</u>	<u>Kenichi Horiguchi</u> (signature)
Date	<u>April 4, 2001</u>	Name of Inventor	<u>Yuji SAKAI</u>	<u>Yuji Sakai</u> (signature)
Date	<u>April 4, 2001</u>	Name of Inventor	<u>Yukio IKEDA</u>	<u>Yukio Ikeda</u> (signature)
Date	<u>April 4, 2001</u>	Name of Inventor	<u>Junichi NAGANO</u>	<u>Junichi Nagano</u> (signature)
Date	<u>April 4, 2001</u>	Name of Inventor	<u>Haruyasu SENDA</u>	<u>Haruyasu Senda</u> (signature)