

A/D 581-40

10/479704

DT15 Rec'd PCT/PTO 0.5 DEC 2003
Atty. Docket No.: 2611-0202P

Page 1 of 1

05-04-2004



COVER SHEET

12-5-03

102736188

Please record the attached original documents or copy thereof.

Trademark Office:

1. Name of conveying party(ies):

[FAMILY NAME (ALL CAPS), Given Name]

KUBO, Kazuo

YOSHIDA, Hideo

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

☐ YES ☒ NO

3. Nature of conveyance:

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

Execution Date: November 4, 2003

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

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: November 4, 2003

A. Patent Application No(s).

New

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

(Attach triplicate copy of this page
if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

Michael K. Mutter, #29,680

Name of Person Signing/Reg. No.

Signature

December 5, 2003

Date

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

MKM/rem

(Rev. 09/30/03)

PATENT
REEL: 015275 FRAME: 0631

ASSIGNMENT

Application No. New Filed 12/04/03Insert Name(s)
of Inventor(s)➡ WHEREAS, Kazuo KUBO and Hideo YOSHIDA ofc/o Mitsubishi Denki Kabushiki Kaisha2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPANInsert Title
of Invention➡ (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in ERROR CORRECTION MULTIPLEXER, ERROR CORRECTION DEMULTIPLEXER, OPTICAL TRANSMISSION SYSTEM EMPLOYING THE ERROR CORRECTION MULTIPLEXER AND
THE ERROR CORRECTION DEMULTIPLEXER, AND METHOD OF ERROR CORRECTION MULTIPLEXING TRANSMISSION

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date
of Signing of
Application➡ on Nov. 4, 2003; andInsert Name
of Assignee➡ WHEREAS, Mitsubishi Denki Kabushiki KaishaInsert Address
of Assignee➡ of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310
JAPAN

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

CHECK BOX
IF APPROPRIATE➡ ☐ 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, conversions and extensions thereof for the full term or terms for which the same may be granted.

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

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion 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 conversion 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>Nov. 4, 2003</u>	Name of Inventor	<u>Kazuo Kubo</u> (signature) Kazuo KUBO
Date	<u>Nov. 4, 2003</u>	Name of Inventor	<u>Hideo Yoshida</u> (signature) Hideo YOSHIDA
Date	_____	Name of Inventor	<u>X Hideo Yoshida X</u> (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)
Date	_____	Name of Inventor	_____ (signature)