

02-28-2002

Docket No.: HITACHI-0030

EET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings



101995978

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

1. Name of conveying party(ies):

Tetsuya UDA, Hiroshi MASUDA, Hirofumi NAKANO,  
Eita MIYASAKA, and Satoshi ASAMIZU

2. Name and address of receiving party(ies):

Name: HITACHI, LTD

Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku,

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

City: Tokyo

State/Prov.:

Country: Japan

ZIP:

Execution Date:

Additional name(s) & address(es)

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: February 13, 2002

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: Ken I. Yoshida

Registration No. 37,009

Address: KNOBLE & YOSHIDA, LLC

Eight Penn Center, Suite 1350

1628 John F. Kennedy Blvd.

City: Philadelphia

State/Prov.: PA

Country: USA

ZIP: 19103

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0462

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

9. Statement and signature.

40.00 DP

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.

Ken I. Yoshida

Name of Person Signing

Signature

February 13, 2002

Date

Total number of pages including cover sheet, attachments, and

3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT

REEL: 012609 FRAME: 0619

ASSIGNMENT

WHEREAS, we, **Tetsuya UDA, Hiroshi MASUDA, Hirofumi NAKANO, Eita MIYASAKA, and Satoshi ASAMIZU** hereinafter referred to as the assignors, residing respectively at **Yokohama, Japan**, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as **Attorney Docket No. Hitachi-0030**, entitled **OPTICAL TRANSMISSION SYSTEM FOR SUBSTANTIALLY EQUALIZING THE OUTPUT SIGNAL LEVEL AMONG FREQUENCY BANDS AND SUBSTANTIALLY LOWERING THE SIGNAL-TO-NOISE RATIO**; and

WHEREAS, **HITACHI, LTD.**, hereinafter referred to as the assignee, of **6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan**, a corporation of **JAPAN**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally

Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Jan. 30, 2002  
Date

Tetsuya Uda (L.S.)  
Tetsuya UDA

Jan. 30, 2002  
Date

Hiroshi Masuda (L.S.)  
Hiroshi MASUDA

30. Jan. 2002  
Date

Hirofumi Nakano (L.S.)  
Hirofumi NAKANO

Jan. 30, 2002  
Date

Eita Miyasaka (L.S.)  
Eita MIYASAKA

Jan. 30, 2002  
Date

Satoshi Asamizu (L.S.)  
Satoshi ASAMIZU