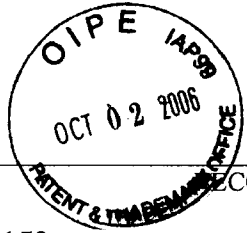


10-2-07



10-05-2006



103317641

FORM PTO-1595 (Rev. 10/02)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 062758-0153

PATENTS ONLY

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):
Migaku OTA, Hiroaki MIYATA, Masahiro KIMURA, Jun NAKAJIMA
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: HITACHI COMMUNICATION TECHNOLOGIES, LTD.
Address: 26-3, Minami Ooi 6-chome, Shinagawa-ku, Tokyo, JAPAN
Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: July 25, 2006

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s).
11/482,100 filed on July 7, 2006

B. Patent No(s).
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT WILL & EMERY LLP
Internal Address:
Street Address: 600 13th Street, N.W.
City: Washington State: D.C. Zip: 20005-3096

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 500417

DO NOT USE THIS SPACE

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.
Keith E. George, Registration No. 34,111
Name and Registration No. of Person Signing
Signature: *Keith E. George* Date: October 2, 2006
Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

10/04/2006 NJANA1 00000030 500417 11482100
01 FC:8021 40.00 DA

PATENT REEL: 018360 FRAME: 0280

ASSIGNMENT (譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Communication Technologies, Ltd. a corporation organized under the laws of Japan, located at 26-3, Minami Ooi 6-chome, Shinagawa-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Communication Technologies, Ltd. its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

FRAME FORWARDING APPARATUS FOR CONVERTING VLAN IDENTIFIERS

Invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Communication Technologies, Ltd. its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Communication Technologies, Ltd.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

- 1) Migaku Ota July. 25, 2006
Migaku Ota
- 2) Hiroaki Miyata July. 25, 2006
Hiroaki MIYATA
- 3) Masahiro Kimura July. 25, 2006
Masahiro KIMURA
- 4) Jun Nakajima July. 25, 2006
JUN NAKAJIMA
- 5) _____
- 6) _____
- 7) _____
- 8) _____
- 9) _____
- 10) _____

PATENT