

RE
MRD 10.22.99



10-26-1999



101182683

Attorney Docket No. HIR B-399

PATENT CONVEYANCE RECORDATION COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:

DOC. ID 101121513

Please record the attached original document or copy thereof.

<p>Name of conveying party(ies):</p> <p>Hideo Tanaka Hiroshi Mabuchi Tamotsu Nishiura</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>Yes ___ No <u>x</u></p>	<p>Name and address of receiving party(ies):</p> <p><u>Hitachi Cable, Ltd.</u></p> <p><u>1-2, Marunouchi 2-chome, Chivoda-ku</u></p> <p>City <u>Tokyo</u></p> <p>State <u>Japan</u> Zip Code _____</p> <p>Additional name(s) & address(es) attached?</p> <p>Yes <u>x</u> No ___</p>
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Nature of conveyance:

- Assignment
- Security Agreement
- Execution Date: August 10, 1999
- Merger
- Change of Name

Total number of applications and patents involved: 1

- A. Patent Application No. and Filing Date
09/339,112 / June 24, 1999
- B. Patent No.(s)

Additional numbers attached? Yes ___ No x

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

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

Name: L. Lawton Rogers, III

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 18-1835. A duplicate of this sheet is enclosed.

Address: ROGERS & KILLEEN
510 King Street, Suite 400
Alexandria, Virginia 22314

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

Enclosed

Authorized to be charged to deposit account

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.



Signature

10-22-99

Date

Second Receiving party:

Fujitsu Limited
1-1 Kamikodanaka 4 - chome, Nakahara-ku, Kawasaki-shi
Kanaqawa-ken, Japan

ASSIGNMENT

(1-4) Insert Name(s) of Inventor(s)

(1) Hideo Tanaka

(2) Hiroshi Mabuchi

(3) Tamotsu Nishiyura

(4) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations, the receipt of which is acknowledged by each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) jointly assign, transfer and set over to

(5) Insert name of Assignee (5) Hitachi Cable, Ltd.

(6) Insert address of Assignee (6) 1-2, Marunouchi 2-chome, Chiyoda-ku
Tokyo, Japan

and

(7) Insert name of Assignee (7) Fujitsu Limited

(8) Insert address of Assignee (8) 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi
Kanagawa-ken, Japan

and its successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title and interest in the invention disclosed and/or claimed in the United States application identified below, as well as all applications for patent and any Letters Patent which may be granted therefor in the United States of America and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part of said applications, or re-issues or extensions of said patents or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property:

(9) Insert Identification of Invention, such as Title, Docket Number, or Foreign Application Number (9) LIGHT-EMITTING DIODE ARRAY
(Docket No. HIR B-399)

(10) Insert date of signing of application (10) August 10, 1999

(11) Alternative identification for filed applications (11) Application Number: 09/339,112
Filed: June 24, 1999

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

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

The undersigned hereby grant(s) to L. Lawton Rogers, III, Reg. No. 24,302 and D. Joseph English, Reg. No. 42,514 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 United States Patent Office for recordation of this document.

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

Date August 10, 1999 Signature of Inventor Hideo Tanaka

Date August 10, 1999 Signature of Inventor Hiroki Matsuki

Date August 10, 1999 Signature of Inventor Tametsu Poshizawa

Date _____ Signature of Inventor _____

This assignment should be signed before: (a) two witnesses; (b) a Notary Public if within the U.S.A.; or (c) a U.S. counsel if outside the U.S.A. Each witness should sign here:

Date August 10, 1999 Witness [Signature]

Date August 10, 1999 Witness Michiyo Ueda