

07-27-1998

MRO 7-22-98



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BOX ASSIGNMENTS  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: T. MARO et al.  
Serial No.: 09/063,048 Group: Unassigned  
Filed: April 21, 1998 Examiner: Unassigned  
For: OPTICAL RECORDING MEDIUM, OPTICAL HEAD AND OPTICAL  
RECORDING DEVICE



Date: July 22, 1998

Docket No.: 2282-115P

RECORDING OF ASSIGNMENT

**BOX ASSIGNMENTS**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies) (e.g. inventor(s)):

Tsuyoshi MARO, Hideo DAIMON, Osamu ISHIZAKI, Tatsuo ARAKI and  
Takeshi OHNUKI

07/24/1998 DMGUYEN 00000012 09063048

01 FC:581

40.00 OP

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

HITACHI MAXELL, LTD.  
1-88, Ushitora 1-chome,  
Ibaraki-shi, Osaka, Japan

3. Nature of Conveyance:

PATENT  
REEL: 9333 FRAME: 0679

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other \_\_\_\_\_

Execution Date (e.g., Assignment): May 11, May 11, May 11 and May 11, 1998 and April 27, 1998, respectively

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

If this document is being filed together with a new patent application, the execution date(s) of the application (Declaration) is (are) \_\_\_\_\_.

A. Patent Application Number(s):

09/063,048

B. Patent Number(s):

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

Birch, Stewart, Kolasch & Birch, LLP  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

6. Total number of applications and patents involved: One (1)

7.  The recording fee in the amount of \$ 40.00 is enclosed.

8.  Please charge Deposit Account No. 02-2448 in the amount

of \$\_\_\_\_\_. A duplicate copy of this request is enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16-1.21(h); particularly, extension of time fees.

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.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: July 22, 1998

By *John Daryl #37,881*  
Raymond C. Stewart  
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Falls Church, VA 22040-0747  
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RCS:jul

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: Five (5)

ATTORNEY DOCKET NO.  
2282-115P

## ASSIGNMENT

Serial No. 09/063,048

Filed 04/21/98

WHEREAS, Tsuyoshi MARO, Hideo DAIMON, Osamu ISHIZAKI,  
Tatsuo ARAKI and Takeshi OHNUKI

**Insert Name(s)  
of Inventor(s)**

**Insert Title  
of Invention**

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_  
"OPTICAL RECORDING MEDIUM, OPTICAL HEAD AND OPTICAL  
RECORDING DEVICE"

**Insert Date  
of Signing of  
Application**

for which an application for Letters Patent of the United States of America has been executed by the undersigned  
on May 11, 1998; May 11, 1998; May 11, 1998; May 11, 1998; ; and  
and April 27, 1998; respectively,  
HITACHI MAXELL, LTD.  
WHEREAS, \_\_\_\_\_

**Insert Name  
of Assignee**

**Insert Address  
of Assignee**

of 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka, 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 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 do 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 in any and all foreign countries 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 in any and all foreign countries and in and to any and all divisions, reissues, continuations 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 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 or reissue thereof or Letters 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 patent(s) 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 Office Officials in the United States of America and any and all foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing 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 and Birch 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.

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

Date: 98/5/11, Name of Inventor *Shingoro Uoy* (signature) (SEAL)

Date: 98/5/11, Name of Inventor *Hitao Sakuma* (signature) (SEAL)

Date: 98/5/11, Name of Inventor *Osamu Ishiyaki* (signature) (SEAL)

Date: 98/5/11, Name of Inventor *Tatsuo Aizaki* (signature) (SEAL)

Date: 98/4/27, Name of Inventor *Takeshi Chouki* (signature) (SEAL)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who sign here.)

Witness *Intobiki Yamagata*

Witness *Tetsuya Nakagawa*

Witness *Kouichi Otsuka* PATENT