

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mr Fumi Hara</td><td>11/19/2008</td></tr><tr><td>Mr Takeshi Otsu</td><td>11/26/2008</td></tr><tr><td>Mr Isao Matsuda</td><td>11/26/2008</td></tr><tr><td>Mr Shingo Katoh</td><td>11/26/2008</td></tr><tr><td>Mr Masashi Satoh</td><td>11/26/2008</td></tr></tbody></table>	Name	Execution Date	Mr Fumi Hara	11/19/2008	Mr Takeshi Otsu	11/26/2008	Mr Isao Matsuda	11/26/2008	Mr Shingo Katoh	11/26/2008	Mr Masashi Satoh	11/26/2008	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Taiyo Yuden Co., Ltd.</td></tr><tr><td>Street Address:</td><td>16-20, Ueno 6-chome</td></tr><tr><td>City:</td><td>Taito-ku, Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>110-0005</td></tr></table>	Name:	Taiyo Yuden Co., Ltd.	Street Address:	16-20, Ueno 6-chome	City:	Taito-ku, Tokyo	State/Country:	JAPAN	Postal Code:	110-0005			
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (816)761-1648 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Naoki Miki												

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PATENT  
REEL: 021928 FRAME: 0167

Total Attachments: 2

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**PATENT**

**REEL: 021928 FRAME: 0168**

### ASSIGNMENT

WHEREAS, we, Fumi Hara, a Japanese citizen, residing in Takasaki-shi, Gunma-ken, Japan, Takeshi Otsu, a Japanese citizen, residing in Takasaki-shi, Gunma-ken, Japan, Isao Matsuda, a Japanese citizen, residing in Takasaki-shi, Gunma-ken, Japan, Shingo Katoh, a Japanese citizen, residing in Takasaki-shi, Gunma-ken, Japan, and Masashi Satoh, a Japanese citizen, residing in Takasaki-shi, Gunma-ken, Japan; have invented certain new and useful improvements in a OPTICAL INFORMATION RECORDING MEDIUM for which we have filed an application for Letters Patent in the United States, Application No.12/243,922, filed on October 1, 2008;

AND WHEREAS, TAIYO YUDEN CO., LTD., a Japanese corporation, with its principal place of business at 16-20, Ueno 6-chome, Taito-ku, Tokyo, Japan (hereinafter "ASSIGNEE"), desire to acquire the entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents 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 all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

**ASSIGNMENT**

Application No.: 12/243,922  
Filing Date: October 1, 2008

Client Code: TAYUX.015AUS  
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This 19<sup>th</sup> day of November, 2008

Fumi Hara  
Fumi Hara

This 26<sup>th</sup> day of November, 2008

Takeshi Otsu  
Takeshi Otsu

This 26<sup>th</sup> day of November, 2008

Isao Matsuda  
Isao Matsuda

This 26<sup>th</sup> day of November, 2008

Shingo Katoh  
Shingo Katoh

This 26<sup>th</sup> day of November, 2008

Masashi Satoh  
Masashi Satoh

Shuichi Hirokuni  
Witness