#### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Hiroaki Furuichi	06/02/2009
Yoshio Oozeki	06/02/2009
Kazumi Takahashi	06/10/2009
Taketoshi Moriyama	06/08/2009
Hiroyasu Yoshida	06/08/2009

#### **RECEIVING PARTY DATA**

Name:	Hitachi Media Electronics Co., Ltd.	
Street Address:	1, Aza-Kitano, Shinjo	
Internal Address:	Mizusawa-ku, Oshu	
City:	lwate	
State/Country:	JAPAN	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12420954

#### **CORRESPONDENCE DATA**

Fax Number: (703)312-6666

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-312-6600

Email: rperez@antonelli.com

Correspondent Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Address Line 1: 1300 NORTH SEVENTEENTH STREET

Address Line 2: SUITE 1800

Address Line 4: ARLINGTON, VIRGINIA 22209-3873

ATTORNEY DOCKET NUMBER: 500.49875X00

NAME OF SUBMITTER: Paul J. Skwierawski

**PATENT** 

REEL: 022949 FRAME: 0383

OF \$40.00 12420954

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Total Attachments: 1

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PATENT REEL: 022949 FRAME: 0384

### 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 Media Electronics Co., Ltd., a corporation organized under the laws of Japan,

located at 1, Aza-Kitano, Shinjo, Mizusawa-ku, Oshu, Iwate, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said. Hitachi Media Electronics Co., Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

# OPTICAL PICKUP DEVICE AND METHOD OF MANUFACTURE THEREFOR \*U.S.Application No. 12/420,954 filed on April 9, 2009

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 Media Electronics Co., 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 Media Electronics Co., 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) -	Hiroaki FURUICHI	June 2, 2009
	Yoshio OOZEKI	June 2, 2009
3)_	Kazumi Takahashi	June 10,2009
4)_	Kazumi TAKAHASHI  Jaketashi Moriyama  Taketoshi MORIYAMA	June . 8. 2009
	Taketoshi MORIYAMA  1 Sinogosu Joshida  Hiroyasu YOSHIDA	June 8. 2009
6)		
7)		
8)		
9)		
10)		
		PATENT

RECORDED: 07/14/2009

REEL: 022949 FRAME: 0385