

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mayumi Nagayoshi</td> <td>05/31/2010</td> </tr> <tr> <td>Satoshi Ouchi</td> <td>05/31/2010</td> </tr> <tr> <td>Tadayoshi Kosaka</td> <td>05/31/2010</td> </tr> <tr> <td>Tomoki Kobori</td> <td>05/31/2010</td> </tr> <tr> <td>Yoshiho Seo</td> <td>05/31/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mayumi Nagayoshi	05/31/2010	Satoshi Ouchi	05/31/2010	Tadayoshi Kosaka	05/31/2010	Tomoki Kobori	05/31/2010	Yoshiho Seo	05/31/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hitachi Consumer Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>2-1, Otemachi 2-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi Consumer Electronics Co., Ltd.	Street Address:	2-1, Otemachi 2-chome	Internal Address:	Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN		
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CORRESPONDENCE DATA													
Fax Number: (703)312-6666 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> 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:	520.50702X00												
NAME OF SUBMITTER:	Melvin Kraus												

OP \$40.00 12759027

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PATENT
REEL: 024535 FRAME: 0080

Total Attachments: 1
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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 Consumer Electronics Co., Ltd.

a corporation organized under the laws of Japan,

located at 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Consumer 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 UNIT

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 Consumer 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 Consumer 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) Mayumi Nagayoshi Mayumi NAGAYOSHI

May 31, 2010

2) Satoshi Ouchi Satoshi OUCHI

May 31, 2010

3) Tadayoshi Kosaka Tadayoshi KOSAKA

May 31, 2010

4) Tomoki Kobori Tomoki KOBORI

May 31, 2010

5) Yoshiho Seo Yoshiho SEO

May 31, 2010

6) _____

7) _____

8) _____

9) _____

10) _____

PATENT

RECORDED: 06/15/2010

REEL: 024535 FRAME: 0082