283698US2P tty Docket No.:



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Trademark Office. Please record the attached original documents or copy thereof. To the Director of the United States Patent and 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 1. Kazuhide OUCHI MITSUBISHI DENKI KABUSHIKI KAISHA Name: 2. Kazuo KUBO Address: 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan Additional name(s) of conveying party(ies) attached? \(\subseteq\) Yes \(\begin{array}{c}\) No 3. Nature of Conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Other: Corrected Form PTO-1595 to Correct Assignor #2's Document Date Previously Recorded on Reel/Frame 017822/0163 Execution Date: January 25, 2006 Additional name(s) and address(es) attached? 

Yes 
No 4. Application number(s) or patent number(s): This document is being filed together with a new application A. Patent Application No.(s) B. Patent No.(s) 10/562,799 Additional numbers attached? 

Yes 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature 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. Marvin J. Spivak Name of Person Signing ිcafetta, Jr Registration Number: 24,913 Total number of pages including this cover sheet: 4 Do not detach this portion Mail documents to be recorded with required cover sheet information to:

> Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

07/18/2006 HALI11

00000090 10562799

01 FC:8021

PATENT REEL: 018108 FRAME: 0824

( )				
Atty Docket No.: 283698US2PCT RECORD	05/0y-2006/			
FORM PTO-1595 06-04	U.S. DEPARTMENT OF COMMERCE Pacent and Trademark Office			
To the Director of the United States Patent and Trademark	103226086 xcurnents or copy thereof.			
I. Name of conveying party(ies):	2. Name and address of receiving party(ics):			
1. Kazuhide OUCHI	Name: MITSUBISHI DENKI KABUSHIRI KAISHA			
2. Kazuo KUBO	Address: 7-3, Marunouchi 2-chome, Chiyoda-ku 7			
Additional name(s) of conveying party(ies) attached?   Yes No	Tokyo 100-8310  Japan  JUL 1 7 2006			
3. Nature of Conveyance:				
Assignment	MAREA			
☐ Security Agreement ☐ Change of Name				
☐ Other				
Execution Date: January 25, 2006 and January 28, 2006	Additional name(s) and address(es) attached?   Yes No			
4. Application number(s) or patent number(s):				
This document is being filed together with a new application				
A. Patent Application No.(s)	B. Patent No.(s)			
10/562,799				
Additional numbers attache	d? 🗆 Yes 🗎 No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1			
Customer Number	7. Total fee (37 CFR 3.41): \$40.00			
	■ Enclosed			
22850	☐ Authorized to be charged to deposit account			
Tel. (703) 413-3000 Fax. (703) 413-2220	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE TH	IS SPACE			
9. Statement and signature				
To the best of my knowledge and belief, the foregoing information copy of the original document.	is true and correct and any attached copy is a true			
Marvin J. Spivak	lake to account			
Name of Person Signing Signal	ture Date			
Surinder Sachar				
Registration Number: 24,913 Registration No. 34,423				
Total number of pages including	this cover sheet: 3			
***************************************				
Do not detach this	s portion 01 FC:8821 48.88 0P			
Mail documents to be recorded with required cover sheet information				

Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

> COPY ONLY NOT FOR RECORDATION

> > **PATENT**

REEL: 018108 FRAME: 0825

## 283698US2PCT

## **Assignment of Application**

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE	) 1. Kazuhide OUCHI and	
	2. Kazuo KUBO both of:	
	c/o MITSUBISHI DENKI KABUSHIKI KAISHA	
	7-3, Marunouchi 2-chome	
	Chiyoda-ku	-
	Tokyo 100-8310, Japan	
<u></u>		
		espectively,
have invented certa	ain new and useful improvements in: <u>OPTICAL RECEPTION DEVICE AND OPTICAL</u>	,
(Application No	10/562,799 , filed December 29, 2005	), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

INSERT TITLE OF INVENTION:

(hereinafter referred to as "ASSIGNEE") having a place of business at: 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.



54-67-33- 56 01

Page 2 of 2

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	January 25, 2006		Razuhide Ouchi
	/	(Signature of Inventor)	Kazuhide OUCHI
Date:	Juminy 28, 2006		Hojor Kube
	•	(Signature of Inventor)	Kazuo KUBO
Date:			
		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	
Date:			
•		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314



12/04

**RECORDED: 07/17/2006** 

PATENT REEL: 018108 FRAME: 0827