Form PTO-1595 3 30 04 (Rev. 10/02)

100715361

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (Exp. 6	OMB No. 0651-0027 (Exp. 6/30/2005)					
To the Honorable	Commissioner of Patents and Trademark	s. Please record the attache	d original documents o	r copy thereof		
Name of conveying page	arty(ies):	2. Name and address of receiving party(ies):				
1.) Ming Li 2.) Makoto Ishizuka		Name:	Matsushita Electric	Industrial Co., Ltd		
3.) Chen-Hsiung Cheng		Internal Address:				
		Street Address:	1006, Oaza Kadon	na Kadoma shi		
		Street Address.	1000, Oaza Kadon			
Additional name(s) of convoying	party(ies) attached? ☐ YES ☒ NO	City:	Osaka	S. P.		
Additional hame(s) of conveying	y party(les) attached? [] TEO 23 NO	State:		-:ന ≡		
3. Nature of Conveyance		Zip:	571-8501	10/81		
<ul><li>☐ Assignment</li><li>☐ Security Agreement</li></ul>	☐ Merger ent ☐ Change of Name	Country:	Japan	192		
Correction of Ass	ignment Recordation  ded at Reel, Frame).	Additional name(s) & a	ddress(es) attached?	 IYES ⊠ NO		
Other						
Execution Date: 1.) & 3.) 2004	March 29, 2004 and 2.) March 30,					
	or patent number(s): // / C	13 2 77				
	) or patent number(s): $/ \bigcirc / \$ eing filed together with a new applica		of the application is: 1	l.) & 3.) March 29.		
2004 and 2.) March 30, 2						
A. Patent App	lication Number(s)		mber(s)			
	Additional number(s) atta	ached?	] NO			
Name and address of concerning documents	of party to whom correspondence nt should be mailed:	6. Total number of app	olications and patents	s involved: 1		
Name: Internal Address	Kenneth N.Nigon s: RatnerPrestia	7. Total fee (37 CFR 3	3.41): \$ 40.00			
		☐ Enclosed	as sharped to decod	t account		
Street Address.	One Westlakes	Admonzed to t	oe charged to deposi			
City:	Berwyn, P.O. Box 980 Valley Forge State: PA	Deposit account nu     (Attach duplicate copy	mber: 18-0350 of this page if paying b	v deposit account )		
ZIP:	19482-0980	( mass coproate copy	o, and page it paying a	y doposit doboditi.,		
☐ Street Address:						
	1007 Orange Street Suite 1100, P.O. Box 1596					
City: ZIP:	Wilmington State: DE 19899					
		SE THIS SPACE				
9. 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.						
Kenneth N. Nigon		Ounte	· 2	3/30/04		
Name of Person Signing	<del>-</del>	nature		Date		
	Total Number of Pages including co	ver sheet, attachments ar	nd documents 5			
Mail stocuments to be recorded with required cover sheet information to						

04 FC:8021

Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box 1450

Alexandria, VA 22313-1450

ASSIGNMENT - Patent Application Docket Number: MATG-395US				
Whereas, the Assignor, comprising the following named inventors:				
	1. Min	g Li	2. Makoto Ishizuka	
ASSIGNOR(s)/ INVENTOR(s)	3. Che	n-Hsiung Cheng	4.	
	5.		6.	
made an invention	entitled:	METHOD FOR MODIFYING EXIST NEAR-FIELD SCANNING OPTICA		TURES USING A
for which an application for Letters Patent of the United States: (Select one of the following):				
is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.:				
ASSIGNEE (Full Name and Address)  Matsushita Electric Industrial Co., Ltd. 1006, Oaza Kadoma, Kadoma-shi Osaka 571-8501 JAPAN				

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

**REEL: 015174 FRAME: 0707** 

## **ASSIGNMENT - Patent Application**

Docket Number: MATG-395US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature /	Date
	1. Ming Li	* Witness to Assignor #1	3-29-2004
	2. Makoto ishizuka		
		* Witness to Assignor #2	
	3. Chen-Halung Cheng	Chan- Aring Chang	3/29/2004
SIGNATURE		* Witness to Assignor #3	No. 13 July 2 per separation of the second o
	4.		
		* Witness to Assignor #4	
	5.		
		* Witness to Assignor #5	
	6.		
		* Witness to Assignor #6	The second secon
Application for I	United States Letters Patent:		
Serial No.:			
Filed:	<del></del>		
Attorney Docke	t Number: MATG-3	95US	
Total Number o	f Assignment Pages 2	* Witness signature recommended, i	mandatory for some countries

Page 2 of 2 Modified 2/6/03

ASSIGNI	MENT	- Patent Application	Do	cket Number: MATG-395US	
Whereas, the Assignor, comprising the following named inventors:					
1. Mir		gLi		2. Makoto ishizuka	
ASSIGNOR(s)/ INVENTOR(s)	3. Che	n-Halung Cheng		4.	
	5.			6.	
made an invention	n entitled:	METHOD FOR MODIFYING EXIST NEAR-FIELD SCANNING OPTICA	ING L MI	MICRO- AND NANO-STRUCTURES USING A	
for which an appli	cation for	Letters Patent of the United States	<b>:</b>		
(Select one of the following):  is executed concurrently herewith was filed in the U.S. Patent and Trademark Office on, as U.S. Patent Application Serial No.;					
ASSIGNEE (Full Name and Address)  Matsushita Electric Industrial Co., Ltd. 1006, Osza Kadoma, Kadoma-shi Osaka 571-8501 JAPAN					
is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,  Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged.  Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.					
Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.					
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.					
If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.					

Page 1 of 2 Modified 2/8/03

PATENT REEL: 015174 FRAME: 0709

ASSIGNMENT - Patent Application	Docket Number: MATG-396US
Assignor authorizes Assignor's attorney to insert at the aforesaid application for United States Letters Patent and/or trapplication if not identified above.	
If the Assignor includes more than one individual, the individually and collectively.	se obligations shall apply to these individuals both

In witness whereof, this Assignment is executed on the day indicated below.

Typed or Printed Name  1. Miling Li  2. Makoto lehizuks  * Witness to Assigner #1  3. Chen-Helung Cheng  3. Chen-Helung Cheng  4. * Witness to Assigner #3  5. * Witness to Assigner #5  6. * Witness to Assigner #5  6. * Witness to Assigner #5  6. * Witness to Assigner #5  Filed:				
Witness to Assigner #1  2. Makoto lehizuks  "Witness to Assigner #2  3. Chen-Halung Cheng  "Witness to Assigner #3  4.  "Witness to Assigner #5  6.  "Witness to Assigner #5  Application for United States Letters Patent: Serial No.:	Туре	inted Name	Signature	Date
2. Makoto lehizuks  Witness to Assigner #2  3. Chen-Halung Chang  "Witness to Assigner #3  4.  "Witness to Assigner #5  6.  Witness to Assigner #5  Application for United States Letters Patent: Serial No.:	1. Min			
2. Makoto lehizuks  Witness to Assigner #2  3. Chen-Halung Chang  "Witness to Assigner #3  4.  "Witness to Assigner #5  6.  Witness to Assigner #5  Application for United States Letters Patent: Serial No.:			N Milhard to Agricano di	
3. Chen-Halung Chang  SIGNATURE  Witness to Assigner #3  Witness to Assigner #5  Witness to Assigner #5  Witness to Assigner #5  Application for United States Letters Patent: Serial No.:	*·			14 Page 14 Pag
3. Chen-Halung Chang  "Witness to Assigner #3  4.  "Witness to Assigner #5  6.  "Witness to Assigner #5  Application for United States Letters Patent: Serial No.:	2. Mak	izuka	Man	3/30/04
SIGNATURE  Witness to Assigner #4  5.  Witness to Assigner #5  6.  Witness to Assigner #5  Application for United States Letters Patent: Serial No.:		1141 199	Witness to Assigner #2	
4.  = Witness to Assigner #4  5.  • Witness to Assigner #5  6.  • Witness to Assigner #5  Application for United States Letters Patent:  Serial No.:	3. Che	rg Cheng		
Witness to Assigner #4  5.  * Witness to Assigner #5  6.  * Witness to Assigner #5  Application for United States Letters Patent: Serial No.:	<b>RE</b>		* Witness to Assignor ≠3	
# Witness to Assigner #5  6.  Witness to Assigner #5  Application for United States Letters Patent:  Serial No.:				
# Witness to Assigner #5  6.  Witness to Assigner #5  Application for United States Letters Patent:  Serial No.:				
Witness to Assigner #5  6.  Witness to Assigner #6  Application for United States Letters Patent: Serial No.:			Witness to Assignor #4	1+1
6.  Witness to Assignor #6  Application for United States Letters Patent:  Serial No.:	5.			
6.  Witness to Assignor #6  Application for United States Letters Patent:  Serial No.:				
Application for United States Letters Patent: Serial No.:			* Witness to Assigner #5	The state of the s
Application for United States Letters Patent: Serial No.:	6.			
Application for United States Letters Patent: Serial No.:				
Serial No.:	)		Witness to Assignor #6	ر المراجع <del>به جام ( المراجع ) المراجع المراجعة المراجعة المراجعة المراجعة المرجعة المرجعة المرجعة ا</del>
<del></del>	for United State	ers Palent:		
rileo:				
Attorney Docket Number: MATG-395US	cket Number.	MATG-398	<u>sus</u>	
Total Number of Assignment Pages 2 *Witness signature recommended, mandatory for som		mandatory for some countries		

Page 2 of 2 Modified 2/6/03

PATENT REEL: 015174 FRAME: 0710