ORM PTO-1595 6-04 PATENTS O			TMENT OF COMMERC
To the Director of the United States Patent and The Bankirk Office. Pu		103053473	or copy thereof.
1. Name of conveying party(ies): Hideo ITOH and Toyonori MATSUDA	Name:	and address of receiving party 1) Agency of Industrial Scie Ministry of International Tr 2) Hideo ITOH	ence & Technology, ade & Industry
Additional name(s) of conveying party(ies) attached? Yes No	Address:	1) 3-1 Kasumigaseki 1-chome, Chiyoda-ku Tokyo 100-0013, JAPAN	
 3. Nature of Conveyance: Assignment Security Agreement Other 	2) c/o Electrotechnical Laboratory, Agency of Industrial Science & Technology 1-4, Umezono 1-chome, Tsukuba-shi Ibaraki 305-0045 JAPAN		
Execution Date: December 27, 2000	Additiona	l name(s) and address(es) att	ached? 🗆 Yes 📕 No
4. Application number(s) or patent number(s):			
☐ This document is being filed together with a new application	1		
A. Patent Application No.(s) 09/749,876	B. Patent No.(s)		
Additional numbers attache	ed? □Y	es No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1		
Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220	 7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account) 		
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9. Statement and signature To the best of my knowledge and belief, the foregoing information copy of the original document. Milton Sterman Name of Person Signing Registration Number: 27,499 Total number of pages including	afetta akire 1-21a, Jr. 10. 25,80	<u>у.</u> <u>Мак</u> 03	opy is a true 1 5 2005 Date 40 E
Do not detach th Mail documents to be recorded with required cover sheet informatio	-	CO	

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PATENT REEL: 016753 FRAME: 0564

Assignment Of Application

	WHEREAS, I (WE) Hideo ITOH and Toyonori MATSUDA						
NSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:	of 1162-3, Nagakuni, Tsuchiura-shi, Ibaraki, 300-0817 JAPAN						
	of c/o Department of Information & Communication Engineering						
	Kumamoto National College of Technology,						
	2659-1 Suya, Nishigoshi-cho, Kumamoto 861-1102 JAPAN						
	, respectively,						
NSERT TITLE OF INVENTION:	have invented certain new and useful improvements in: <u>PHOTOCATALYTIC_COLORED</u>						
	MEMBER AND METHOD OF MANUFACTURING THE SAME						
NSERT DATE IN- /ENTORS SIGNED DECLARATION:	for which an application for Letters Patent was executed on December 27, 2000						
	(Application No), and						
NSERT NAME IND ADDRESS OF COMPANY OR	WHEREAS,Please refer to the attached sheet.						
)THER ASSIGNEE:	(hereinafter referred to as "ASSIGNEE") having a place of business at:						
	Please refer to the attached sheet.						

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;

Please refer to the attached sheet.

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.

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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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:	December			Witho Stah
	December	27,		(Signature of Inventor) Hideo ITOH Toyonon MATSUDA
Date [.]				(Signature of Inventor) Toyonori MATSUDA
				(Signature of Inventor)
				(Signature of inventor)
Date:	<u> </u>			(Signature of Inventor)
Date:			<u>,</u>	(Signature of Inventor)
Date:				(Signature of Inventor)
Date:			<u></u>	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202



WHEREAS,

- 1. Agency of Industrial Science & Technology, Ministry of International Trade & Industry
- 2. Hideo ITOH

(hereinafter referred to as "ASSIGNEE") having places of busin-ess at:

- 1. 3-1 Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 JAPAN
- c/o Electrotechnical Laboratory, Agency of Industrial Science & Technology 1-4, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-0045 JAPAN

are desirous of acquiring the entire right, title and interest i n and to said invention and in and to any Letters Patent that may be granted t herefore in the United States and its territorial possessions and in any and all foreign countries; provided that assignee <u>1. Agency of Industrial Science & Technol ogy, Ministry of</u> <u>International Trade & Industry should have a 95% share and 2. Hi deo ITOH should have</u> a 5% share.



ſ	Dept.:	IP-II						
, OSMM&N File No. <u>201419US0X</u>	•							
OSMM&N File No. 2014190S0X	By:	NFO/btm						
Serial No. 09/749.876								
In the matter of the Application of: Hideo ITOH, et al.								
For: PHOTOCATALYTIC COLORED MEMBER AND METHOD OF								
MANUFACTURING THE SAME								
	Due Date:	04/12/05						

The following has been received in the U.S. Patent Office on the date stamped hereon:

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Assignment/PTO 1595 Pages: <u>3</u>





RECORDED: 03/15/2005