	Docket No. <b>0503</b>	21 RECORDATIOI PAT	05-24-2005 103008374	ademark Off	
Commiss	ioner for Patents:	Please record the attac	hed original document	s or copy thereof.	
Commiss Submiss	on type: <u>XX</u> 	<ul> <li>K New</li> <li>Resubmission (Nor Document ID #: Correction of PTO</li> <li>Reel #</li> <li>Corrective Docume</li> <li>Reel #</li> </ul>	Error Frame # ent		112921 U.
Convey	ance type:	XX Assignment License Merger	Securi Chan Othe		
Conveyi	ng Party (ies):	(Last, First, Middle	Initial)	Execution Date	
First par	y Name:	TANAKA, Tsuk	asa	May 9, 2005	
Second p	arty Name:	SASAKI, Nobor	u	May 11, 2005	
Third pa	-	eying party(ies) attache	ed? Ves No XX		
	g Party (ies):	cying purty (loc) utment	<u> </u>		
First par	y Name:	TOPPAN PRINTI	NG CO., LTD.		
	Address:	5-1, Taito 1-chome	e, Taito-ku, Tokyo 11	10-0016 Japan	
Second p	arty Name:				
	Address:				
Addition	al name(s) & addre	ess(es) attached? Yes	<u>No XX</u>		
Domesti	c Representative 1	Name and Address			
Suite 10	00, 1725 K Stree gton, D.C. 2000		,	850 rademark office	
005 HLE <b>333 00000</b> 021	029 11132299 40.00 OP	For Office	e Use Only		

PATENT REEL: 016581 FRAME: 0247

Page 2							
Correspondent Name and Address Telephone: 202-659-2930							
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006							
Pages       Enter the total number of pages of the attached conveyance document:       2       2         (including any attachments, but not counting cover sheets)							
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX							
A. Patent Application No.(s) B. Patent No.(s)							
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>May 9, 2005</u>							
(Do not recite both application and patent numbers.)							
Patent Cooperation Treaty (PCT)PCTEnter PCT application number only ifPCTa U.S. Application Number has not been assignedPCT							
Number of Properties Enter the total number of properties involved: <u>1</u>							
Fee AmountFee Amount for Properties Listed (37 CFR 3.41).\$40.00							
XX Enclosed							
Authorized to be charged to Deposit Account No.: 01-2340							
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.         James E. Armstrong, IV         Name of Person Signing         May 19, 2005         Date         Rev. 11/00         JAM:jaz							

PATENT REEL: 016581 FRAME: 0248

## ASSIGNMENT

;

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

## GAS BARRIER LAMINATE FILM

sell and assign to TOPPAN PRINTING CO., LTD. a Japanese corporation, having a business address at 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X]	executed concurrently herewith	*
	[]	executed on	;
	[]	Application No.	, filed

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Armstrong, Kratz, Quintos, Hanson & Brooks, LLP, Suite 1000, 1725 K Street, N.W., Washington. D.C. 20006

## PATENT REEL: 016581 FRAME: 0249

[1st Inventor] Residence Address: Kasukabe-shi, Japan Mailing Address: c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito ku, Tokyo 110.0016 Japan Citizenship: Japan

Isukasa Janaka

MAY - 9,2005

MAY 1 1.2005

Tsukasa Tanaka

Date:

[2nd Inventor] Residence Address: Fukuoka-shi, Japan Mailing Address: c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 Japan Citizenship: Japan

em disalà

Noboru Sasaki

[3rd Inventor] **Residence Address**: Mailing Address: Citizenship:

Date:

Date:

[4th Inventor] **Residence Address**: Mailing Address: Citizenship:

[5th Inventor] **Residence Address**: Mailing Address: Citizenship:

Date:

Date:

**RECORDED: 05/19/2005**