AUG. 8	B. 2006 10:29AMSTAAS & HALSEY -	-202-434-1501	NO.0598 P. 4
	(O. P		S&H Form: (2/01)
Γ	FORM PTO-1598 REC	04-25-2006	U.S. DEPARTMENT OF COMMERCE
	APR 2	<u> </u>	Patent and Trademark Office
7	2005 Staas & Halsey Line & Translation		
, [To the Director of the U.S. Petent and Tradema	10322573 <u>0 </u>	
A	Name of conveying party(les):		
· -	Noboru SASAKI		
1	Hiroshi SUZUKI Fumitake KOIZUMI		
	Nobuhiko IMAI Kinimasa ARAI		
<i>)</i>	Hiroyuki KONAGAI		
2.	Name and Address of receiving party(ies):		
	(1) TOPPAN PRINTING CO., LTD.		is GmbH & Co. KG asse 100, D-63755 Alzenau,
	5-1, Taito 1-chome, Taito-ku Tokyo 110-0016 Japan	Germany	3336 100, D-00100 AIZERIOU,
3.	Nature of conveyance:		
	Assignment _ Security Agreement _	Merger Change of Name	_
	X Other: Record to correct the na	me and address of the second Assi	gnee on the Assignment
	document previously recorded at Reel 016 second Assignee is Applied Films GmbH 8	& Co. KG, Siemensstrasse 100, D	<u>-63755 Alzenau, Germany.</u>
	Execution Date(s): June 14, 2005		·
4.	Application number(s) or patent number(s This document is being filed together to): with a new application.	
	OR	***	
	This document is being filed after filing (a) Patent Application No(s). 11/157.	g of the application: 163 , filed <u>June 21, 2005;</u> or	
	(b) Patent No(s). , issued .	,	
5.	Name and address of party to whom corre	espondence concerning document s	should be mailed:
	STAAS & HALSEY LLP Attention: David M. Pitcher	Our Docket: <u>1186.1039</u>	
	1201 New York Ave., N.W., 7th Floor		
	Washington, D.C. 20005		
6.	Total number of applications and patents		
7.	Total fee (37 CFR 3.41) (\$ 40	0.00 per Patent or Application in Ass	signment)
	Authorized to be charged to depo	sit account.	
8.	Deposit Account No.: 19-3935 (Any und (Attach duplicate copy of this page if payi	lerpayment is authorized to be charing by deposit account)	ged to this Deposit Account
		<u> </u>	
		A MANIA	1 1/1620
	d M. Pitcher, Reg. No. 25,908 ne of Person Signing	Signature	Date Date
	•		pages including cover sheet
		NOT USE THIS SPACE	
	Final Haisey LLP		PATENT

/00281081

REEL: 018097 FRAME: 0168

, AUG.	8. 200	10:29AM STAAS & HALSEY -202-434-1501 NO. 0598 P. 5
2.05	±2005	A PTO-1596 JUL 2 2 2015 — RECORDATIO POTENT A PATE Director of the CASAN and Trademark Office: 1 103050828
7-22-05	1.	vame of conveying party(ies): Noboru SASAKI Nobuhiko IMAI Hiroshi SUZUKI Kunimasa ARAI Fumitake KOIZUMI Hiroyuki KONAGAI
	2.	Name and Address of receiving party(ies): (1) TOPPAN PRINTING CO., LTD. (2) APPLIED FILMS GMBH CO., KG 5-1, Taito 1-chome Sicmensstrasse 100, D-63775 Taito-ku, Tokyo 110-0016, Japan Alzenau, Germany
	3.	Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other:
	4.	Execution Date(s): <u>June 14, 2005</u> Application number(s) or patent number(s): This document is being filed together with a new application.
		OR ☑ This document is being filed after filing of the application: (a) Patent Application No(s). 11/157,163, filed June 21, 2005; or (b) Patent No(s)., issued.
	5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: <u>1186,1039</u> Attention: <u>David M. Pitcher</u> 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005
	6.	Total number of applications and patents involved: <u>1</u>
.	7.	Total fee (37 CFR 3.41)(\$ 40.00 per Patent or Application in Assignment) Enclosed Authorized to be charged to deposit account.
	8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)
		A. Pitcher, Reg. No. 25,908 of Person Signing Total number of pages including cover sheet: 4
		DO NOT USE THIS SPACE
67/28/200	5 500053	05000197 11157163
01 FC:842		40.00 DP
	©2005	Revised January, 2005

PATENT

ASSIGNMENT

G103030·F383 (03S1852P1)

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:

VACUUM VAPOR-DEPOSITION APPARATUS AND METHOD OF PRODUCING VAPOR-DEPOSITED FILM TECHNICAL FIELD

sell and assign to

- 1. TOPPAN PRINTING CO., LTD., a Japanese corporation, having a business address at 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 Japan
- 2. Applied Films GmbH Co., KG, a German corporation, having a business address at Sicmensstrasse 100, D-63775 Alzenau, Germany

its successors, assigns or nominees, hereinafter referred to as "Assignee", 1/2 1/2, respectively, of 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		ı	
	executed on	;		
[X]	Application No. 11/157,163	, ${f filed}$	June: 21, 2005	

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.

Staas & Halsey, Suite 700, 1201 New York Avenue, NW, Washington, D.C., 20005

PATENT REEL: 018097 FRAME: 0170

ASSIGNMENT

G103030-F383 (03S1852P1)

llst h	gvep	tor
Resid	ence	Ad
N.F 11:.	^	_ גנ

dress: Fukuoka-shi, Japan

Mailing Address: c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1 chome, Taito ku, Tokyo 110-0016,

Citizenship: Japan

notown ducente	June 14, 2005	
Noboru Sasaki	Date:	

[2nd Inventor]

Residence Address: Kogarshi, Japan

Mailing Address: c/o TOPPAN PRINTING CO., LTD.5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016, Japan

Citizenship: Japan

) Joroshi Suzaki	June 14, 2005
Hiroshi Suzuki	Date:

[3rd Inventor]

Residence Address: Kumagaya-shi, Japan

Mailing Address: c/o TOPPAN PRINGING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016,

Japan

Citizenship: Japan

Funitable Koirumi	June 14, 2005
Fumitake Koizumi	Date:

[4th Inventor]

Residence Address: Tokyo, Japan

Mailing Address: c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016,

Japan

Citizenship: Japan

Trobuhiko	Inai	June 14, 2005	
Nobubiko Imai		Date:	

[5th Inventor]

Residence Address: Tatebayashi-shi, Japan

Mailing Address: c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016,

Japan

Citizenship: Japan

Kunimasa	arai	June 14, 2005	
Junimasa Arai		Date:	

PATENT REEL: 018097 FRAME: 0171

ASSIGNMENT

G103030-F383 (03S1852P1)

[6th Inventor]	
Residence Address: Kumagaya·shi, Japan Mailing Address: c/o TOPPAN PRINTING CO., LTD., Japan	5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016,
Citizenship: Japan	
Hugyako Konzgai	June 14, 2005
Hiroyuki Konagai	Date:
[7th Inventor] Residence Address: Mailing Address: Citizenship:	
	Date:
[8th Inventor] Residence Address: Mailing Address: Citizenship:	
	Date:
[9th Inventor] Residence Address: Mailing Address: Country of Citizenship:	
· 	Date:
[10th Inventor] Residence Address: Mailing Address: Citizenship:	Daw

Date:

PATENT REEL: 018097 FRAME: 0172

RECORDED: 08/08/2006