	<b>5</b> 5	12/3/9308	•			
F	ORM PTO-1595	02/18/2009	RECORDATI	ON FORM CO	VER SHEET	U.S. DEPARTMENT OF COMMERCE
	\		02-26-	_ <del>-</del>	NLY	Patent and Trademark Office
	05 Staas & Halsey I the Director of t				hed document.	
<b>1</b> .	Name of c	onveying , MONO	103549			
2.	Name and	Address of re	ceiving party(ie	s):		
	5-1, Taito	PRINTING CO 1-chome, Tokyo 110-00				
3.	Nature of conveyance:  X Assignment					
4.	Application number(s) or patent number(s):  This document is being filed together with a new application.  This document is being filed after filing of the application:  (a) Patent Application No(s)., filed; or  (b) Patent No(s)., issued.					
5.	Name and address of party to whom correspondence concerning document should be mailed:					
	STAAS & Attention: 1201 New	HALSEY LLP <u>David M. Pitch</u> York Ave., N.\ on, D.C. 2000	<i>N</i> ., Suite 700	0	ur Docket: <u>1186</u>	<u>5.1071</u>
<b>6</b> .	Total num	Total number of applications and patents involved:1				
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 A	count No.: 19	9-3935			
	I M. Pitcher, e of Person S	Reg. No. 25,90 Bigning	<u>80</u>	Signature	Matcher	February 18, 2009 Date
				Total numbe	r of pages includ	ling cover sheet: 3
			DO NOT	USE THIS SPACE		

02/19/2009 SZEHDIE1 00000022 12379308 05 FC:8021 40.00 OP

**PATENT** 

REEL: 022321 FRAME: 0685

## ASSIGNMENT

In consideration of value received, I, having a mailing address at c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 Japan, and a residence as stated below next to 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:

METHOD OF MANUFACTURING MASTER PLATE, METHOD OF MANUFACTURING MICRONEEDLE PATCH, MICRONEEDLE PATCH AND EXPOSURE APPARATUS

said application having been filed on and assigned Application No. ; sell and assign to TOPPAN PRINTING CO., LTD. a corporation of Japan, 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 application for United States patent: (check one)

[X] executed concurrently herewith;[] executed separately herefrom;

and in and to all applications for patent and patents for said invention including all divisions, reissues, continuations, substitutions 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 proceeding, sign all lawful papers, execute all divisional, continuing, 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 in all countries.

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 LLP, Suite 700, 1201 New York Avenue, NW, Washington, D.C., 20005

PATENT REEL: 022321 FRAME: 0686

## ASSIGNMENT

Inventor: (Signature)	Date	Residence	
Takao Tomoro Takao Tomoro	FEB 6. 2009	Tokyo, Japan	

**RECORDED: 02/18/2009** 

PATENT REEL: 022321 FRAME: 0687