

P/4178-3

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ER SHEET

To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof. 1. Name of conveying party(ies): Name and Address of receiving party(ies): Dainippon Screen Mfg. Co., Ltd. 1) Tsutomu UEYAMA Tenjinkita-cho 1-1, Teranouchi-agaru 2) Izuru ISEKI 4-chome, Horikawa-dori, Kamigyo-ku 3) Norio SATO Kyoto 602-8585, Japan 4) Katsuyuki MACHIDA 5) Hakaru KYURAGI and Nippon Telegraph and Telephone Corporation 3-1, Otemachi 2-chome, Chiyoda-ku Tokyo 100-8116, Japan Type of Entity: Individuals Type of Entity: Corporations of Japan Additional name(s) & address(es) attached? Additional names(s) of conveying party(ies) attached? No 3. Nature of Conveyance: Assignment **Execution Date:** 1) 8/29/02; 2) 9/9/02; 3) 9/3/02; 4) 9/3/02; 5) 9/3/02 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application 1) 8/29/02; 2) 9/9/02; 3) 9/3/02; 4) 9/3/02; 5) 9/3/02 B. Patent No.(s) A. Application No.(s) 10251475 Additional numbers attached? No Total number of documents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 40.00 7. Total fee (37 CFR 3.41): OSTROLENK, FABER, GERB & SOFFEN, LLP 1180 Avenue of the Americas 10764 Enclosed as part of Check No. New York, New York 10036-8403 In the event the actual fee is greater than the payment submitted or is 09/24/2002 JBALINAN 00000082 10251475 inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment 40.00 OP to Deposit Account No. 15-0700. DO NOT USE THIS SPACE 8. 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. September 18, 2002 Max Moskowitz Date Name of Person Signing Total number of pages including cover sheet attachments, and document:

> PATENT REEL: 013324 FRAME: 0449

02 FC:581

00 FC:

PATENT APPLICATION ASSIGNMENT	-
SOLE OR JOINT INVENTORS	
EXECUTED OUTSIDE U.S.A.	

TENT APPLICATION ASSIGNMENT -	OFGS FILE NO. P/4178-3
LE OR JOINT INVENTORS	

WHEREAS I (We) Tsutomu HEYAMA Izuru	ISEKI, Norio SATO, Katsuyuki MACHIDA and
Hakaru KYURAGI, as assignor(s), have invented cert	
THIN FILM FORMING APPARATUS AND THIN FILM	
fo:	r which an application for United States
Letters Patent has been executed by me (us) of eve	en date herewith; and
WHEREAS, Dainippon Screen Mfg. Co., Lt	td., a corporation organized and existing
under the laws of Japan, located at Tenjinkita-cho	1-1, Teranouchi-agaru 4-chome, Horikawa-
dori, Kamigyo-ku, Kyoto 602-8585, Japan and Nippo	n Telegraph and Telephone Corporation, a
corporation organized and existing under the laws o	f Japan, located at 3-1, Otemachi 2-chome,
Chiyoda-ku, Tokyo 100-8116, Japan, as assignee, is interest in and to said invention and any Patent t	
NOW, THEREFORE, in consideration of valuable consideration, the receipt of which is her hereby sell, assign and set over to said assignee the United States and all other countries in a application for Patent, all original, divisional applications and patents applied for or granted the countries, including all rights of priority from rights for past infringement, and the Commission authorized and requested to issue all patents on a said assignee herein, as assignee of the entire i myself (ourselves) and my (our) legal representative covenant without further remuneration, to execute reissue and other applications for Patent on said said assignee or its assigns, to communicate to a facts known to the undersigned respecting said investigations in the understand proceedings in which become involved, to sign all lawful papers, make everything necessary to assist assignee, its sucpatent protection for said invention in the Unit expenses incident to said applications to be borned.	the entire right, title and interest for nd to said invention and the aforesaid al, continuation, substitute or reissue erefor in the United States and all other the filing of said application, and all her of Patents and Trademarks is hereby said inventions or resulting therefrom to interest therein; and the undersigned for wes, heirs and assigns do hereby agree and and deliver all divisional, continuation, inventions and all assignments thereof to said assignee or its representatives all entions, whenever requested, to testify in the change of said applications or patents may all rightful oaths, and to do generally decessors, assigns and nominees to obtain the states and all other countries, the
Date: August 29,2002	Totomu Voyama
Date: Soptember 9, 2002	Juru Sehi
Date: Joptember 1, 2002	
	Izuru ISEKI
Date:	Norio SATO
Date:	
Dutc.	Katsuyuki MACHIDA
Date:	
	Hakaru KYURAGI

LEGALIZATION RECOMMENDED

PATENT APPLICATION ASSIGNMEN	1T -
SOLE OR JOINT INVENTORS	
EXECUTED OUTSIDE U.S.A.	

OFGS	FILE	NO.	P/4178-3

WHEDERS I (We) Toutomy HEVAMA Izuru 1	ISEKI Norio SATO Katsuvuki MACHIDA and		
WHEREAS, I (We), <u>Tsutomu UEYAMA</u> , <u>Izuru ISEKI</u> , <u>Norio SATO</u> , <u>Katsuyuki MACHIDA and Hakaru KYURAGI</u> , as assignor(s), have invented certain improvements in <u>THIN FILM FORMING APPARATUS AND THIN FILM FORMING METHOD</u>			
for	which an application for United States		
Letters Patent has been executed by me (us) of even			
WHEREAS, <u>Dainippon Screen Mfg. Co., Ltd</u> under the laws of Japan, located at Tenjinkita-cho 1 dori, Kamiqyo-ku, Kyoto 602-8585, Japan and Nippon corporation organized and existing under the laws of Chiyoda-ku, Tokyo 100-8116, Japan, as assignee, is de interest in and to said invention and any Patent the	Telegraph and Telephone Corporation, a Japan, located at 3-1, Otemachi 2-chome, esirous of acquiring all right, title and		
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.			
Date:	Tsutomu UEYAMA		
Date:			
Date: September 3, 2002	nonc Sato		
Date: Septenber 3, 2002	Norio SATO Katsuyuki Machida Katsuyuki MACHIDA		
Date: September 3, 2002	Calcanic Kyura Co		

LEGALIZATION RECOMMENDED

00576099.1 RECORDED: 09/18/2002 PATENT REEL: 013324 FRAME: 0451