Attorney Docket No. 0163-0695-3X

D 9

100749338 To the Honorable Commissioner of Patents a sinal documents or copy thereof MADORIT & THEORING 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 1) Takashi HIRAGA Name: 1) Agency of Industrial Science & Technology, Ministry of 2) Tetsuo MORIYA International Trade & Industry 866F 8 F MUL 3) Norio TANAKA 2) Dainichiseika Color & Chemicals MFG. CO., LTD 4) Hiromitsu YANAGIMOTO 3) Takashi HIRAGA 4) Tetsuo MORIYA Additional name(s) of conveying part **■**No Address: 1) 3-1 Kasumigaseki | chome, Chiyoda-ku, Tokyo, JAPAN 3. Nature of Conveyance: 2) 1-7-6 Nihonbashi Bakuro-cho, Chuo-ku, Tokyo, JAPAN 3) 1-1-101-308 Kasuga, Tsukuba-shi, Ibaraki-ken, JAPAN Assignment
 Assignment
 ■ □ Merger 4) 2-23-8 Higashi, Tsukuba-shi, Ibaraki-ken, JAPAN ☐ Security Agreement ☐ Change of Name □ Other Execution Date: December 26, 1997 and January 20, 1998 Additional name(s) & address(es) attached? □ Yes ⋈ No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/009,694 Additional numbers attached? ☐ Yes 🖾 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: L concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law ⋈ Enclosed Fourth Floor ☐ Authorized to be charged to deposit account 1755 Jefferson Davis Highway Arlington, Virginia 22202 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing interior is true and correct and any attached copy is a true copy of the original document. C. Irvin McClelland Registration Number 27,295 Registration No. 21,124 Total number of pages including cover sheet: 4 OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

06/25/1998 TTDN11 00000066 09009694 01 FC:581 40.00 0P Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

> PATENT REEL: 9258 FRAME: 0928

	WHEREAS, I (WE) Takashi HIRAGA, Tetsuo MORIYA,
	Norio TANAKA and Hiromitsu YANAGIMOTO
ISERT NAMES ND RESIDENCE DDRESSES OF HE INVENTORS:	of 1-1-101-308 Kasuga, Tsukuba-shi, Ibaraki-ken, JAPAN,
	2-23-8 Higashi, Tsukuba-shi, Ibaraki-ken, JAPAN,
	2-14-22 Chuo-Honcho, Adachi-ku, Tokyo, JAPAN
	and 43-33 Higashi-Ikoucho, Adachi-ku, Tokyo, JAPAN
	, respectively,
SERT TITLE	have invented certain new and useful improvements in:
	THIN-FILM FABRICATION METHOD AND APPARATUS
ISERT DATE IN- ENTORS SIGNED ECLARATION:	for which an application for Letters Patent was executed on January 20, 1998
	(Application No. 09/009,694, filed January 20, 1998,), and
ISERT NAME IND ADDRESS OF OMPANY OR THER ASSIGNEE:	WHEREAS, the Japanese Government (1), a Japanese corporation (2) and two Japanese individuals (3,4) shown in the attached sheet
	(hereinafter referred to as "ASSIGNEE") having a place of business at:
	respective addresses shown in 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; provided that Assignee (1) should have a 25% share and
	(2) should have a 50% share, (3) should have a 12.5% share and (4) should have a 12.5% share. 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 26, 1997	Takasla Hiraja
	December 26, 1997	(Signature of Inventor) Takashi HIRAGA Tetruc Inventor Tetsuo MORIYA
Date:	January 20, 1998	Norro analca (Signature of Inventor) Norio TANAKA
Date:	January 20, 1998	Hiromitau Yanagimoto. (Signature of Inventor) Hiromitsu YANAGIMOTO
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202 (1) Agency of Industrial Science & Technology, Ministry of International Trade & Industry

3-1 Kasumigaseki 1 chome, Chiyoda-ku, Tokyo, JAPAN

(2) Dainichiseika Color & Chemicals MFG. CO., LTD.

1-7-6 Nihonbashi Bakuro-cho, Chuo-ku, Tokyo, JAPAN

(3) Takashi HIRAGA

l-1-101-308 Kasuga, Tsukuba-shi, Ibaraki-ken, JAPAN

(4) Tetsuo MORIYA

2-23-8 Higashi, Tsukuba-shi, Ibaraki-ken, JAPAN

PATENT REEL: 9258 FRAME: 0931