JUN 1 4 1999 PATENT OF PE TO THE HONO Please 101068	TRADEMARKS 8332 thereof.		
1. Tsutomu MINAMI Kiyoharu TADANAGA Additional name(s) of conveying party(ies) attached? □ Yes ⋈ No 3. Nature of conveyance: ⋈ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Execution Date: May 10, 1999 4. Application number(s) or patent number(s):	2. Name and address of receiving party(ies): Name: Saint-Gobain Vitrage Address: 18, avenue d'Alsace F-92400 Courbevoie Country (if other than USA): France		
If this document is being filed together with a new application, the execution A. Patent Application No.(s) Additional numbers at 5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 1667 K Street, N.W. Washington, D.C. 20006	on date of the application is: B. Patent No.(s) Itached? □ Yes ☒ No 6. Number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):\$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: 16-1150		
9. 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. Harry C. Jones, 20,280 Name of Person Signing Reg. No. Date			

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

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Washington, D.C. 20231

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ASSIGNMENT

		ASSIGNMENT	
	WHEREAS, WE, Tsutomu MINAMI a JORS, are the inventors of the inventors (S) for which we have executed an application.	on in PROCESS FOR DEPOSIT	ING LAYERS BASED ON METAL
□ whic	h is executed on \Box even date herew	ith or 🗆	(date)
X whic	th is identified by Pennie & Edmonds LL the was filed in the United States Patent and Application No.	P. docket no. 3633-468 nd Trademark Office on March 12	, 1999, and has been
	EREAS, SAINT-GOBAIN VITRAGE, ASSIGNEE is desirous of obtaining our elon:		
transferr successoright, tit therein, thereon under the	NOW, THEREFORE, in consideration consideration, the receipt of which is red and set over, and by these presents dors, legal representatives and assigns, for le and interest in, to and under the said U and all divisions, renewals and continua and all reissues, reexamination certificate Patent Laws of the United States, the ternational agreement, as may be applicated.	hereby acknowledged, we, the sa to hereby sell, assign, transfer and the territory of the United States of United States application and said in ations thereof, and all Patents of the tes and extensions thereof; togethe International Convention for the Pa	id ASSIGNORS, have sold, assigned, set over, unto the said ASSIGNEE, its America, and not elsewhere, our entire evention as fully set forth and described the United States which may be granted for with the right to file said application
	AND WE, ASSIGNORS, HEREBY au states, to issue said application to the said A terms of this instrument representatives	ASSIGNEE, its successors, legal rep	presentatives and assigns, in accordance
assigned	AND WE, ASSIGNORS, HEREBY cov., and that we have not executed, and will		
proceedi all right	AND WE, ASSIGNORS, HEREBY furnessors, legal representatives and assigns, ing, sign all lawful papers, execute all diful oaths, and generally do everything posto obtain and enforce proper protection	any facts known to us respecting visional, continuing, reissue applic ssible to aid the said ASSIGNEE, i	said invention, and testify in any legal ations and reexamination papers, make ts successors, legal representatives and
1.	IN WITNESS WHEREOF, the undersignature of th	Inventor (signature) a-sayamashi, Osaka-Fu, J-598-002	May 10,1999
	Witness (type name)	Witness (signature)	(Date)
	Witness (type name)	Witness (signature)	(Date)
2.	Inventor (type name)	Inventor (signature) ho, Sakai-shi, Osaka-Fu, J-591-80	May 10, 1999 (Date) 23, Japan
	Witness (type name)	Witness (signature)	(Date)

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PATENT

(Date)

RECORDED: 06/14/1999 REEL: 010022 FRAME: 0405

Witness (signature)

Witness (type name)