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To the Director of the United	States Patent and Trademark Office. P	102895012 Please record the attached original of	locuments or copy thereof.
1. Name of conveying party(ies): Yasumasa TAKAO, Mutsuo SANDO, Makio NAITO and Keizo UEMATSU Additional name(s) of conveying party(ies) attached? Yes No		Address: 3-1, Kasumigaseki 1-1 Tokyo 100-8921 Japa	by Secretary of Agency of Technology Chome, Chiyoda-ku,
3. Nature of Conveyance:		-	
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Execution Date:	November 21, 21, 22 and 27, 2000	Additional name(s) and address(es) attached? 🗆 Yes 🖪 No
4. Application number(s) or p	atent number(s):		
☐ This document is being f	iled together with a new application		
A. Patent Application No.(s)		B. Patent No.(s) 6,747,739	
	Additional numbers attach	ed? 🗆 Yes 🔳 No	
5. Name and address of party concerning document should be		6. Total applications and patents	involved: 1
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	and belief, the foregoing information t.	is true and correct and any attac	hed copy is a true
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PATENT REEL: 015980 FRAME: 0151

201353US0/nh Atty Docket No.: RECORDATION FORM COVER SHEET 04-12-2004 FORM PTO-1595 1-31-92 PATENTS ONLY To the Director of the United States Patent and Trademark Office. Please record the atta 2. Name and add. 102718843 1. Name of conveying party(ies): Japan as represented by Secretary of Agency of Yasumasa TAKAO, Mutsuo SANDO, Makio NAITO Name: Industrial Science and Technology and Keizo UEMATSU Address: 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, JAPAN Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other Execution Date: November 21, 2000, November 21, Additional name(s) and address(es) attached?

Yes No 2000, November 22, 2000 and November 27, 2000 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: B. Patent No.(s) A. Patent Application No.(s) 09/748,004 Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (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 information is true and correct and any attached copy is a true copy of the original document. Norman F. Oblon Signature Name of Person Signing Surinder Sachar Registration Number: 24,618 Registration No. 34,423 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office **Mail Stop Assignment Recordation Services** 1/08/2004 BABRAHA1 00000028 09748004 Alexandria, Virginia. 22313 40.00 OP

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PATENT REEL: 015980 FRAME: 0152

Assignment Of Application

Yasumasa TAKAO,

1

WHEREAS I (WE)

any and all foreign countries;

Page 1 of 2

	W112.00.00) - (W2)			
(NOTE \$145/FF	Mutsuo SANDO, ③ Makio NAITO and ④ Keizo UEMATSU			
INSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:	of			
	① 401 Yashiro-shukusha, 2-109, Yashiro-cho, Kita-ku,			
	Nagoya-shi, Aichi 462-0043 JAPAN			
	② 5-41, Naruko-cho, Midori-ku, Nagoya-shi,			
	Aichi 458-0041 JAPAN			
	3 303 Grace Court Anjo, 8-2, Nihongi-cho, Anjyo-shi,			
	Aichi 446-0054 JAPAN			
	<u>⊕</u> 3-4-53, Hanazono, Nagaoka-shi, Niigata			
	940-0845 JAPAN			
	, respectively,			
INSERT TITLE OF INVENTION:	have invented certain new and useful improvements in: Observing Techniques and its Evaluation Equipments of Filler Packing-Structure for Resin Polymer Composite Filled with Ceramic Filler-Powder			
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an application for Letters Patent was executed on November 27, 2000			
	(Application No. 09/748,004 , filed <u>December 27, 2000</u>), and			
INSERT NAME AND ADDRESS OF COMPANY OR	Japan as represented by Secretary of WHEREAS, Agency of Industrial Science and Technology			
OTHER ASSIGNEE:	(hereinafter referred to as "ASSIGNEE") having a place of business at: 3-1,			
*	Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 JAPAN			
	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			

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.

> **PATENT** REEL: 015980 FRAME: 0153

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: November 21st, 200	O Jasumasa Takac
	(Signature of Inventor) Yasumasa TAKAO
Date: November 21st, 200	0 Mutsuo Sando
Date: November 22, 200	(Signature of Inventor) Mutsuo SANDO Mutsuo SANDO
	(Signature of Inventor)
Date: November 27, 200	o /leign Domat -
	(Signature of Inventor) Keizo UEMATSU
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Date:	(C)

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

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

PATENT RECORDED: 11/01/2004 REEL: 015980 FRAME: 0154