Assi Dire	ector and T D. Bo	ent Recordation Services RECORDATION FORM	RECORDATION FORM COVER SHEET PATENTS ONLY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. 153236						
	Please record the attached document. Total number of pages including cover sheet, attachments, and document: 2								
3.	A. B.	Name of conveying parties: [1] Toshikazu SANA [2] Yasuo HANAFUSA [3] Tomoya TAKAHASHI Additional names of conveying parties attached? ———————————————————————————————————	2. A. Name and address of receiving party: KAWASAKI JUKOGYO KABUSHIKI KAISHA 1-1, HIGASHIKAWASAKI-CHO 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO 650-8670 JAPAN B. Additional names & addresses attached? □Yes ☒ No						
4.	B. Execution Date: [1 and 2]: May 17, 2012 [3]: May 18, 2012 A. Patent Application No. 13/505,366 Additional numbers attached? ☐ Yes ☒ No C. Title of Application: JIG USED FOR MANUFACTURING COMPOSITE MATERIAL STRUCTURE								
5.	con	ne and address of party to whom correspondence cerning document should be mailed: nme: James A. Oliff Idress: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787	 6. Total number of applications and patents involved: 1 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461. 						
9.	To orig	tement and signature. the best of my knowledge and belief, the foregoing information ginal document. Alle Alle Alle Alle Solist, Registration No. 20,075 ghan J. Carmody, Registration No. 67,117	on is true and correct and any attached copy is a true copy of the Date: <u>June 1, 2012</u>						

PATENT REEL: 028344 FRAME: 0139

ASSIGNMENT

	inserf	(1)	Toshikazu SANA		(5)		
(1-8)	Name(s)	(2)	Yasuo HANAFUSA		(6)		
	of Inventor(s)	(3)	Tomoya TAKAHASH	I	(7)		
		(4)	He Constituted A Make Assessed Assessed in the Makes of the Assessed and Assessed As		(8)		
		cach o	In consideration of the sum of or f the undersigned, each undersign	ne dollar (\$ ned agrees (.00) and other good and valuable consideration paid o assign, and hereby does assign, transfer and set ov	1 t	
(9)	Insert Name of Assigned	(9)	KAWASAKI JUKOGYO KABUSHIKI KAISHA				
(10)	insert Address of Assignee	(10)	1-1, Higashikawasaki-cho	3-chome,	Chuo-ku, Kobe-shi, Hyogo 650-8670 Japan		
		(bereinafter designated as the Assignce) and Assignce's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert (II) JIG USED FOR MANUFACTURING COMPOSITE MA						
	Identification such as Title, Case Number, or Foreign		STRUCTURE				
	Application Number	(Attorr)			
		pplication for patent in the United States of America					
(12)	Insert Date of Signing of Application	(12) oa	May 17, 2012; N	May 18,	2012	_	
(13)	Alternative	(13) Numbe	U.S. application Serial	13/5	05,366		
	Identification for						
	filed applications	filed	June 1, 2012				

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such

applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignce, as Assignce of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, FLC the power to insert on this assignment any further identification that 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.

	to witness ancreof, executed by the finder	signed on the date(s) o	pposite the undersigned name(s).	
Date	May. 17. 2012	Inventor Signature	Joshihayu Sama	(SEAL)
Date	Hay . 17.2012	Inventor Signature	Farmo Itanafusa	(SEAL)
Date	May, 18, 2012	Inventor Signature	Tomoya Tabahashi	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Dzte	-	Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)

PATENT REEL: 028344 FRAME: 0140