Substitute for Form PTO-1595 RECORDATION FOI PATENT		
	Attorney's Docket No. 033818-207	
To the Director of the United States Patent and Trademark Office		
Name of conveying party(ies):	Name and address of receiving party(ies): Name: MICHELIN RECHERCHE ET TECHNIQUE S.A.	
1) LAURE SIMONOT, 2) ANNE VEYLAND, 3) ARNAUD LAPRA, 4) EMMANUEL CUSTODERO Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name	Address: ROUTE LOUIS BRAILLE 10 ET 12 CH-1763 GRANGES-PACCOT SWITZERLAND	
☐ Other <u>Execution Date:</u> AUG 10, 2005; AUG 23 2005; AUG 23, 2005; JULY 28, 2005	Additional name(s) & addresses attached? Yes X No	
Application number(s) or patent number(s):	Additional name(s) & addresses attached? Yes X No	
A. Patent Application No.(s) 11/155,507 Additional numbers attached?	B. Patent No.(s) ☐ Yes ☑ No	
 Name and address of party to whom correspondence concerning document should be mailed: 	Total number of applications and patents involved:	
Name: ALAN E. KOPECKI, ESQ.	7. Total fee (37 CFR 3.41)\$ \$40.00 (8021)	
Address: Buchanan Ingersoll PC Including attorneys from Burns, Doane, Swecker & Mathis Customer Number 2 1 8 3 9	Enclosed Authorized to be charged to deposit account Credit card. Form PTO-2038 is attached.	
P.O. Box 1404 Alexandria, VA 22313-1404	8. Deposit account number: 02-4800 (Attach duplicate copy of this page if paying by deposit account.)	
9. Statement and Signature. To the best of my knowledge and belief, the foregoing information of the original document.	on is true and correct and any attached copy is a true copy	
Alan E. Kopecki 25,813	September 23, 2005	
Name of Person Signing Reg. No.	Signature Date	
Total number of pages including cover sheet, attachm	nents, and documents: (5)	

Mall documents to be recorded with required cover sheet Information to:

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P.O. Box 1450 / Alexandria, VA 22313-1450

PATENT REEL: 016839 FRAME: 0104

Attorney Docket No033818-	<u> 207</u>
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JOINT ASSIGNMENT

THIS ASSI 1) EMMANUEL				, 3) ARNAUD LAPRA.	<u>and</u>
residing at <u>1) (</u> 3) F-63100 CLE	GREENVILLE, RMONT-FER	SOUTH CAROLINA 29	4) F-03400 OHAMA	ARSAT, FRANCE, LIERES, FRANCE	
(hereinafter re	ferred to as "th	e Assignors"), witnesse	ih:	rovements in the applicat	
		TION BASED ON A REIN	FORCING ALUMINOSI	LICATE	
(1) 🗖	(a) Dear	visional application ing Application No e filed herewith; or	, f	íled on	;
(2)	(a) 🔀 bear	ng an oath or declaratio	n executed on even o	iled onJune 20, 200 late herewith prior to filing rent date than this Assign	3 01
a corporation	duly organized	N RECHERCHE ET TEG d under and pursuant to e of business at ET 12. CH-1763 GRAN	the laws of SWITZE		,
BURNS	DOANE	JOINT	ASSIGNMENT		Page 1 of 3 (7/04)



Application No. <u>11/155,507</u>
Attorney Docket No. <u>033818-207</u>

(hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney docket number of said application when known.



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AND the Assignors hereby request the Director of the United States Patent and Trademark Office to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

0 4		
Date: August 10, 2005	Signature of Assignor	<u></u>
Date: August 23, Epos		
Date: August 23, 6005	Signature of Assignor	Arnaud LAPRA
Date: Tuly la, loos	Signature of Assignor	Emmanuel CUSTODERO
Date:	Signature of Assignor	

Application No. <u>11/155,507</u>
Attorney Docket No. <u>033818-207</u>

any and all said Letters Patent of th	ie United States to the Assign	d States Patent and Trademark Office to issue nee as the Assignee of said inventions, the ssignee, its successors, legal representatives,
Date:	_ Signature of Assignor -	Laure SIMONOT
Date:	_ Signature of Assignor .	Anne VEYLAND
Date:	_ Signature of Assignor .	Arnaud LAPRA
Date: July 88, 2005	Signature of Assignor .	Emmaruel CUSTODERO
Date:	_ Signature of Assignor	
Date:	_ Signature of Assignor	
Date:	_ Signature of Assignor	
Date:	_ Signature of Assignor	
Date:	Signature of Assignor	
Date:	Signature of Assignor	



RECORDED: 09/22/2005

JOINT ASSIGNMENT

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