	ORM COVER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
	Attorney's Docket No. 033818-213
To the Director of the United States Patent and Trademark Off	ice: Please record the attached original documents or copy thereof.
 Name of conveying party(ies): JEAN-LUC CABIOCH, 2) LAURENT COISSIEUX, JEAN-MICHEL FAVROT 	Name and address of receiving party(ies); Name: MICHELIN RECHERCHE ET TECHNIQUE S.A.
Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other	Address: ROUTE LOUIS BRAILLE 10 ET 12 CH-1763 GRANGES-PACCOT SWITZERLAND
Execution Date: SEPT 9, 2005; SEPT 7, 2005; SEPT 8, 2005; SEPT 8, 2005	
Application number(s) or patent number(s):	Additional name(s) & addresses attached? Yes X No
A. Patent Application No.(s) 11/183,912 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. Address: Buchanan Ingersoll PC ncluding attorneys from Burns, Doane, Swecker & Mathis Customer Number 2 1 8 3 9	7. Total fee (37 CFR 3.41)\$\$40.00 (8021) 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.)
Statement and Signature.	in is true and correct and any attached copy is a true copy
of the original document.	5
ALAN E. KOPECK! 25,813 Name of Person Signing Reg. No.	September 22, 2005

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

PATENT REEL: 016838 FRAME: 0629

Attorney Docket No.	033818-213
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JOINT ASSIGNMENT

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PATENT REEL: 016838 FRAME: 0630

Application No. <u>11/183,912</u>
Attorney Docket No. <u>033</u>818-213

(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 Buchanan Ingersoll PC (including attorneys from 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.

Application No. <u>11/183,912</u> Attorney Docket No. <u>033818-213</u>

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.

Date: September 09 8005	Signature of Assignor	Jean-Luc CABIOCH
Date: September 07, 2005	Signature of Assignor	_
Date: September OR LOOS	Signature of Assignor	
Date: <u>September 08, 900</u> 5	Signature of Assignor	
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Buchanan Ingersoll PC

Page 3 of 3

RECORDED: 09/22/2005