

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Timothy D. Barfoot	08/08/2006
Joshua A. Marshall	08/10/2006
Raja Mukherji	08/16/2006
Robert Ward	08/23/2006
RECEIVING PARTY DATA	
Name:	MACDONALD, DETTWILER & ASSOCIATES, INC
Street Address:	9445 Airport Road
City:	Brampton, ON
State/Country:	CANADA
Postal Code:	L6S 4J3
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11922706
CORRESPONDENCE DATA	
Fax Number:	(703)415-2559
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-415-2555
Email:	dowell@dowellpc.com
Correspondent Name:	Dowell & Dowell, P.C.
Address Line 1:	2111 Eisenhower Ave, Suite 406
Address Line 4:	Alexandria, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	16231NP
NAME OF SUBMITTER:	Wendy M. Slade

CH \$40.00 11922706

Total Attachments: 4
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WORLDWIDE ASSIGNMENT

WE, **Timothy D. BARFOOT, Joshua A. MARSHALL, Raja MUKHERJI** and **Robert WARD** whose full post office addresses are; 41 Old Mill Drive, Toronto, Ontario M6S 4J8, Canada and 57 Emily Carr Crescent, Bolton, Ontario L7E 2K9, Canada, 136 Ural Circle, Brampton, Ontario L6R 1H1, Canada and 49 Hill Drive, Aurora, Ontario L4G 3A7, Canada, respectively, have invented "**GUIDANCE, NAVIGATION, AND CONTROL SYSTEM FOR A VEHICLE**" for which the United States provisional patent application was filed:

Filing Date: **July 26, 2005**
Serial No. **60/702,285**

and for which the PCT patent application was filed:

Filing Date: **July 26, 2006**
Serial No. **PCT/CA2006/001261**

in consideration of Two Dollars (\$2.00) paid to us, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, WE by these presents confirm that WE have sold, transferred and assigned and do hereby sell, transfer and assign to **MACDONALD, DETTWILER & ASSOCIATES INC.**, whose full post office address is 9445 Airport Road, Brampton, Ontario L6S 4J3, Canada, its successors and assigns or nominees, all OUR rights, title and interest in the United States, and all other countries of the world in and to OUR invention as fully described and claimed in the United States patent application, and WE sell, assign and transfer to **MACDONALD, DETTWILER & ASSOCIATES INC.**, all OUR rights to apply for patent on said invention in the United States, and all other countries of the world including any and all divisions, continuations, continuation-in-part, re-examinations, renewals, reissues and/or extensions thereof, and all OUR corresponding rights, title and interest in and to any patent which may issue therefor in the United States, and all other countries of the world.

AND WE UNDERTAKE to sign such further documents to effect the aforesaid sale, assignment and transfer as may be required from time to time, without reimbursement, but at the expense of **MACDONALD, DETTWILER & ASSOCIATES INC.**

AND WE authorize **HILL & SCHUMACHER**, Patent and Trademark Agents, of 87 Falcon St., Toronto, Ontario M4S 2P4 to enter the Serial No. of the above PCT patent application.

SIGNED AT (City/Town) Brampton, this 8th day of August, 2006.

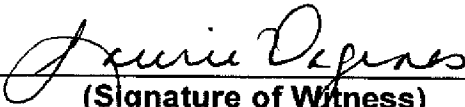


Timothy D. BARFOOT

DECLARATION OF WITNESS

I, LAURIE VAGENAS whose full post office address is 47 SAL CIRCLE
BRAMPTON, ON. L6R 1H6, hereby declare that I was personally present and did
see **Timothy D. BARFOOT** who is personally known to me to be the person named in
the above assignment duly sign and execute the same.

DECLARED at (City/Town) BRAMPTON, this 8th day of AUGUST, 2006.



(Signature of Witness)

SIGNED AT (City/Town) Brampton, this 10 day of August, 2006

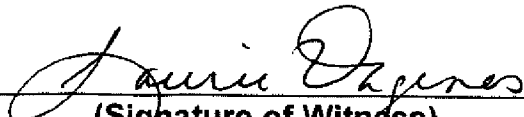


Joshua A. MARSHALL

DECLARATION OF WITNESS

I, LAURIE VAGENAS whose full post office address is 47 SAL CIRCLE
BRAMPTON, ON L6R 1H6, hereby declare that I was personally present and
did see **Joshua A. MARSHALL** who is personally known to me to be the person named
in the above assignment duly sign and execute the same.

DECLARED at (City/Town) BRAMPTON, this 10th day of AUGUST, 2006.



(Signature of Witness)

SIGNED AT (City/Town) BRAMPTON , this day of 16th August , 2006

Raja Mukherji
Raja MUKHERJI

DECLARATION OF WITNESS

I, LAURIE VAGENAS whose full post office address is 47 SAL CIRCLE BRAMPTON, ON L6R 1H6 , hereby declare that I was personally present and did see **Raja MUKHERJI** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (City/Town) BRAMPTON , this 16th day of AUGUST , 2006.

Laurie Vagenas
(Signature of Witness)

SIGNED AT (City/Town) AURORA , this 23 day of AUGUST , 2006

Robert Ward
Robert WARD

DECLARATION OF WITNESS

Valerie Carson whose full post office address is 90 WILLIAM ROE BLVD NEWMARKET ON L3Y 1B2 , hereby declare that I was personally present and did see **Robert WARD** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (City/Town) AURORA , this 23 day of August , 2006.

Valerie J. Carson
(Signature of Witness)

SIGNED AT (City/Town) Brampton, this 30 day of August, 2006.

MACDONALD, DETTWILER & ASSOCIATES INC.

Cameron Ower

Name: Cameron Ower
Title: Director, Research & Development

DECLARATION OF WITNESS

I, Marilyn Jefferies, whose full post office address is 35 Matson Dr, Caledon ON L7E 0A9, hereby declare that I was personally present and did see Cameron Ower of **MACDONALD, DETTWILER & ASSOCIATES INC.**, who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT (City/Town) Brampton, this 30 day of August 2006.

Marilyn Jefferies

(Signature of Witness)