

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4457510

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	10/13/2011

CONVEYING PARTY DATA

Name	Execution Date
PAUL ROBERTS	02/06/2015
STEPHEN BRATSBERG	02/16/2015
GIUSEPPE RAGO	02/14/2015

RECEIVING PARTY DATA

Name:	MACDONALD, DETTWILER AND 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:	15621362

CORRESPONDENCE DATA**Fax Number:** (703)739-9889*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.***Phone:** 703-739-9888**Email:** DOWELL@DOWELLPC.COM**Correspondent Name:** DOWELL & DOWELL, P.C.**Address Line 1:** 2560 HUNTINGTON AVE, SUITE 203**Address Line 4:** ALEXANDRIA, VIRGINIA 22303

ATTORNEY DOCKET NUMBER:	19967DIV
NAME OF SUBMITTER:	RALPH A. DOWELL
SIGNATURE:	/RALPH A. DOWELL/
DATE SIGNED:	06/13/2017

Total Attachments: 7

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WORLDWIDE ASSIGNMENT

WE, Paul ROBERTS, Stephen BRATSBERG and Giuseppe RAGO, whose full post office addresses are, 9 Overture Lane, Brampton, Ontario, L6S 6H9, Canada, 1074 Orcades Crescent, Mississauga, Ontario L4Y 2E6, Canada and 903 Canyon Street, Mississauga, Ontario L5H 4L6, Canada, respectively, have invented, **ROBOTIC SERVICING MULTIFUNCTIONAL TOOL**, for which the United States Provisional patent application was filed:

Filing Date: October 13, 2011

Serial No. 61/546,770

and for which the international PCT patent application was filed:

Filing Date: October 15, 2012

Serial No. PCT/CA2012/000947

and for which the U.S. application was filed:

Filing Date: October 15, 2012

Serial No. 13/652,339

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 AND ASSOCIATES INC.**, ("Assignee"), having offices at, 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 and PCT patent applications, and WE sell, assign and transfer to **MACDONALD, DETTWILER AND 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 full utility applications, divisions, continuations, continuation-in-part, re-examinations, renewals, reissues and/or extensions thereof, any design applications originating therefrom, International PCT patent applications and all national phase applications 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, to have and to hold for **MACDONALD, DETTWILER AND ASSOCIATES INC.**'s own use and **MACDONALD, DETTWILER AND ASSOCIATES INC.**'s successors and assigns as fully and entirely as the same might be enjoyed by Paul ROBERTS,

Stephen BRATSBURG and Giuseppe RAGO if this sale had not been made.

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 AND ASSOCIATES INC.**


AND WE authorize HILL & SCHUMACHER, Patent and Trademark Agents, of 264 Avenue Road, Toronto, Ontario M4V 2G7, Canada to enter the serial number of the PCT application and particulars of the signature and particulars of the Declaration of Witness when missing.

This assignment can be signed in counterparts.

The agreement shall be retroactive *nunc pro tunc* to the filing date of the U.S. provisional patent application such that the effective date of this agreement is October 13, 2011.

Signed at (city/town) Brampton ON

This 6 day of February, 2015.



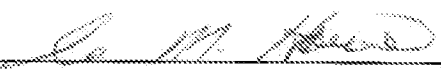
Paul ROBERTS

DECLARATION OF WITNESS

I, Colleen Howe, whose full post office address is, 9445 Airport Rd., Brampton, Ont. L6S 4S3, hereby declare that that I was personally present and did see **Paul ROBERTS** 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 6 day of February, 2015.



(Signature of Witness)

Signed at (city/town) MISSISSAUGA, ON

This 16 day of FEBRUARY, 2015.

Stephen Bratsberg
Stephen BRATSBERG

DECLARATION OF WITNESS

I, Anita Bratsberg, whose full post office address is 1074 Dundas Cres. Mississauga On L4Y 2K6, hereby declare that that I was personally present and did see Stephen BRATSBERG who is personally known to me to be the person named in the above assignment duly sign and execute the same.

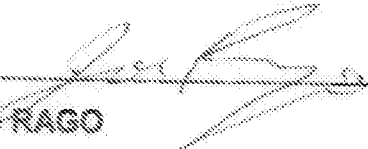
DECLARE at (city/town) Mississauga, On.

This 16 day of February, 2015.

Anita Bratsberg
(Signature of Witness)

Signed at (city/town) MISSISSAUGA

This 14 day of FEBRUARY, 2015.


Giuseppe RAGO

DECLARATION OF WITNESS

I, JOSHUA RAGO, whose full post office address is 903 CANYON ST MISSISSAUGA ONT L4W4G6, hereby declare that that I was personally present and did see Giuseppe RAGO who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARE at (city/town) MISSISSAUGA

This 14 day of FEBRUARY, 2015.


(Signature of Witness)

ACCEPTANCE

The Assignee accepts this assignment.

Signed at (city/town) BRAMPTON

This 4th day of MARCH, 2015.

MACDONALD, DETTWILER AND ASSOCIATES INC.

Signature: Shehryar Butt

Name: SHEHRYAR BUTT

Position: CONTRACTS SPECIALIST

DECLARATION OF WITNESS

I, Linda Hollingdale, whose full post office address is, 507-2665 Windwood Dr, Mississauga ON, hereby declare that I was personally present and did see, Shehryar Butt, who is personally known to me to be the person that has duly signed and executed the above assignment on behalf of **MACDONALD, DETTWILER AND ASSOCIATES INC.**

DECLARED at (city/town) Brampton

This 4th day of March, 2015.

Lg Hollingdale

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(Signature of Witness)