

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the application number in coversheet data previously recorded on Reel 028649 Frame 0875. Assignor(s) hereby confirms the application number should be corrected from 13/350,462 to the correct application number of 13/559,092..										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shervan Fashandi</td> <td>10/22/2007</td> </tr> <tr> <td>Terence Douglas Todd</td> <td>09/28/2007</td> </tr> </tbody> </table>		Name	Execution Date	Shervan Fashandi	10/22/2007	Terence Douglas Todd	09/28/2007				
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Terence Douglas Todd	09/28/2007										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>McMaster University</td> </tr> <tr> <td>Street Address:</td> <td>1280 Main Street West</td> </tr> <tr> <td>City:</td> <td>Hamilton, Ontario</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>L8S 4L8</td> </tr> </table>		Name:	McMaster University	Street Address:	1280 Main Street West	City:	Hamilton, Ontario	State/Country:	CANADA	Postal Code:	L8S 4L8
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13559092</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13559092						
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Application Number:	13559092										
CORRESPONDENCE DATA											
<p>Fax Number: 8006603911          Phone: 416-630-0071          Email: uspto@integralip.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Integral Intellectual Property Inc.          Address Line 1: 4400 Bathurst Street, Suite 10          Address Line 4: Toronto, CANADA M3H 3R8</p>											
ATTORNEY DOCKET NUMBER:	RIM033-04US										
NAME OF SUBMITTER:	Miriam Paton										
Total Attachments: 8											

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**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
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<b>Name:</b>	McMaster University						
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<b>City:</b>	Hamilton, Ontario						
<b>State/Country:</b>	CANADA						
<b>Postal Code:</b>	L8S 4L8						
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<b>Application Number:</b>	13350462						

**PATENT**

<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	8006603911
<b>Phone:</b>	416-630-0071
<b>Email:</b>	uspto@integralip.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	Integral Intellectual Property Inc.
<b>Address Line 1:</b>	4400 Bathurst Street, Suite 10
<b>Address Line 4:</b>	Toronto, CANADA M3H 3R8
<b>ATTORNEY DOCKET NUMBER:</b>	RIM033-04US
<b>NAME OF SUBMITTER:</b>	Miriam Paton
<b>Signature:</b>	/Miriam Paton, Reg. #56623/
<b>Date:</b>	07/26/2012
<b>Total Attachments: 6</b>	
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<b>RECEIPT INFORMATION</b>	
<b>EPAS ID:</b>	PAT2040594
<b>Receipt Date:</b>	07/26/2012
<b>Fee Amount:</b>	\$40

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**PATENT**

**PATENT ASSIGNMENT**

**WHEREAS**, I/we **Shervan FASHANDI** and **Terence Douglas TODD**, residing at, respectively, 62 Longwood Road S., Hamilton, Ontario L8S 1S5 CANADA, and 20 San Greco Drive, Hamilton, Ontario L9C 2B4 CANADA (hereinafter the "Assignors") have invented certain new and useful improvements entitled **Reducing Handoff Latency in a Wireless Local Area Network** (hereinafter referred to as the "Inventions"), disclosed in **United States of America** Provisional Patent Application No. **60/715,142**, filed on **September 9, 2005**, and further disclosed in **United States of America** Patent Application No. **11/530,059**, filed on **September 8, 2006** (hereinafter referred to as the "Application");

**AND WHEREAS**, I/we am/are, respectively, a student and a member of the teaching staff of **MCMASTER UNIVERSITY**, a university incorporated by act of the Legislature of the Province of Ontario, Canada (hereinafter referred to as the "Assignee") having a place of business at 1280 Main Street West, Hamilton, Ontario, Canada L8S 4L8;

**AND WHEREAS**, under the *Intellectual Property Policy* of McMaster University, the Assignee is the first owner of the Inventions and the Subject Patents and is desirous of taking a formal assignment of rights that the Assignor(s) has in the Inventions;

**NOW, THEREFORE, IN CONSIDERATION** of the sum of Two Dollars (\$2), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors do hereby sell, assign and transfer to the Assignee our entire right, title and interest, in all countries of the world, in and to the Inventions and in and to the Application and any other patent applications filed in any country of the world for any or all of the Inventions (including all priority rights derived from any of the foregoing) and any continuations or divisions of the Application or such other patent applications and any Letters Patent which may issue from any of the foregoing and any reissues or extensions thereof.

**AND** we hereby agree that, upon request and without further consideration, but at the expense of the Assignee, we will communicate to the Assignee, or its representative or nominees, any facts know to us respecting the Inventions and testify in any legal proceedings, sign all legal documents, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce any and all patent protections for the Inventions in all countries selected by the assignee and we further agree to execute any and all further documents which may be necessary or desirable to give effect to the provisions of this assignment.

**AND** we hereby authorize and request any official whose duty it is to issue patents to issue each and every Letters Patent to be granted for the Inventions in any and all countries of the world to the Assignee or, if so instructed, to its successors or assigns.

SIGNED AT Waterloo, ON, Canada on this 22<sup>nd</sup> day of October, 2007.  
(city, province, country)

Fashandi  
Shervan FASHANDI

**DECLARATION OF WITNESS**

I, Seyed Ali Ahmadzadeh whose full post office address is 209- Erb Street West, Waterloo, ON, N2K 2V6, hereby declare that I was personally present and did see **Shervan FASHANDI** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT Waterloo, ON, CANADA on this 22<sup>nd</sup> day of October, 2007.  
(city, province, country)

Ali Ahmadzadeh  
(Signature of Witness)

SIGNED AT \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_, 2007.  
(city, province, country)

\_\_\_\_\_  
Terence Douglas TODD

**DECLARATION OF WITNESS**

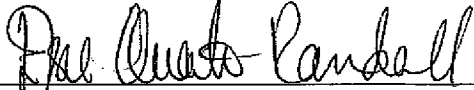
I, \_\_\_\_\_ whose full post office address is \_\_\_\_\_, hereby declare that I was personally present and did see **Terence Douglas TODD** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_, 2007.  
(city, province, country)

\_\_\_\_\_  
(Signature of Witness)

SIGNED AT Hamilton, Ontario, Canada on this 1st day of November, 2007.  
(city, province, country)

**MCMASTER UNIVERSITY**



Name: Elsie Quaite-Randall  
Title: Executive Director, Office of Research  
Contracts & Intellectual Property

**DECLARATION OF WITNESS**

I, Lori Burch whose full post office address is 287 West 2nd  
St, Hamilton ON L9C 3G8, hereby  
declare that I was personally present and did see **Elsie Quaite-Randall** of **MCMASTER  
UNIVERSITY** who is personally known to me to be the person named in the above assignment duly  
sign and execute the same.

DECLARED AT Hamilton, Ontario Canada on this 1st day of November, 2007.  
(city, province, country)

  
(Signature of Witness)

WORLDWIDE

Agreement ID: ERR 07-044  
Tech ID: 07-037

~~044~~  
050

## PATENT ASSIGNMENT

**WHEREAS**, I/we **Shervan FASHANDI** and **Terence Douglas TODD**, residing at, respectively, 62 Longwood Road S., Hamilton, Ontario L8S 1S5 CANADA, and 20 San Greco Drive, Hamilton, Ontario L9C 2B4 CANADA (hereinafter the "Assignors") have invented certain new and useful improvements entitled **Reducing Handoff Latency in a Wireless Local Area Network** (hereinafter referred to as the "Inventions"), disclosed in **United States of America** Provisional Patent Application No. **60/715,142**, filed on **September 9, 2005**, and further disclosed in **United States of America** Patent Application No. **11/530,059**, filed on **September 8, 2006** (hereinafter referred to as the "Application");

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**NOW, THEREFORE, IN CONSIDERATION** of the sum of Two Dollars (\$2), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors do hereby sell, assign and transfer to the Assignee our entire right, title and interest, in all countries of the world, in and to the Inventions and in and to the Application and any other patent applications filed in any country of the world for any or all of the Inventions (including all priority rights derived from any of the foregoing) and any continuations or divisions of the Application or such other patent applications and any Letters Patent which may issue from any of the foregoing and any reissues or extensions thereof.

**AND** we hereby agree that, upon request and without further consideration, but at the expense of the Assignee, we will communicate to the Assignee, or its representative or nominees, any facts know to us respecting the Inventions and testify in any legal proceedings, sign all legal documents, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce any and all patent protections for the Inventions in all countries selected by the assignee and we further agree to execute any and all further documents which may be necessary or desirable to give effect to the provisions of this assignment.

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SIGNED AT \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_, 2007.  
(city, province, country)

Shervan FASHANDI

DECLARATION OF WITNESS

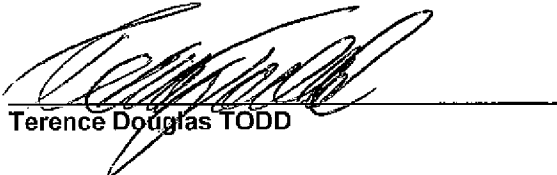
I, Lori Burch whose full post office address is 287 West 2nd  
ST. Hamilton, ON L9C 8G8, hereby  
declare that I was personally present and did see Shervan FASHANDI who is personally known to  
me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT Hamilton, ON, Canada on this 1st day of November, 2007.  
(city, province, country)



(Signature of Witness)

SIGNED AT Hamilton, Ont, Canada on this 28<sup>th</sup> day of September, 2007.  
(city, province, country)



Terence Douglas TODD

DECLARATION OF WITNESS

I, Pace GRUNTHAL whose full post office address is 25 DAVID ST.  
DUNDAS, ON L9H 4R5, hereby  
declare that I was personally present and did see Terence Douglas TODD who is personally  
known to me to be the person named in the above assignment duly sign and execute the same.

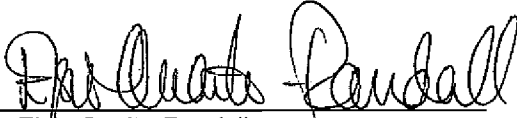
DECLARED AT HAMILTON, ON CANADA on this 28<sup>th</sup> day of SEPTEMBER, 2007.  
(city, province, country)



(Signature of Witness)

SIGNED AT Hamilton, Ontario, Canada on this 1<sup>st</sup> day of November, 2007.  
(city, province, country)

**MCMASTER UNIVERSITY**



Name: Elsie Quaite-Randall  
Title: Executive Director, Office of Research  
Contracts & Intellectual Property

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(city, province, country)



(Signature of Witness)