503325473 05/28/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYOUNG SEUB RHIE	01/30/2015

RECEIVING PARTY DATA

Name:	CONVERSANT INTELLECTUAL PROPERTY MANAGEMENT INC.		
Street Address:	390 MARCH ROAD		
Internal Address:	SUITE 100		
City:	OTTAWA		
State/Country:	ONTARIO		
Postal Code:	K2K 0G7		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14611501

CORRESPONDENCE DATA

Fax Number: (613)591-8148

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: 613-599-9539

Email: ipadmin@conversantip.com

Correspondent Name: RONAN O'BYRNE Address Line 1: 390 MARCH ROAD

Address Line 2: SUITE 100

Address Line 4: OTTAWA, ONTARIO K2K 0G7

ATTORNEY DOCKET NUMBER:	01404-US-PAT
NAME OF SUBMITTER:	RONAN O'BYRNE
SIGNATURE:	/Ronan O'Byrne/
DATE SIGNED:	05/28/2015

Total Attachments: 3

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PATENT 503325473 REEL: 035732 FRAME: 0816

ASSIGNMENT OF PATENT RIGHTS

For and in consideration of agreement(s) duly entered into with my/our employer, Conversant Intellectual Property Management Inc. ("Assignce"), a Canadian corporation, with an address at 390 March Road, Suite 100, Ottawa, Ontario, K2K 0G7, Canada, and/or other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

I/WE: ("Assignor(s)"),

1) Hyoung Scub Rhie 169 McClellan Road Ottawa, Ontario K2H 5V7 CANADA

hereby sell(s), assign(s), and transfer(s) to Assignee, the full extent of all right, title, and interest in and to any and all of the following (collectively, the "Rights"):

1. The provisional patent applications, patent applications and/or patents listed in the table below (the "Patents");

Application No. or patent No.	Filing date or issue date	Title of patent application or patent
61/936,004	February 5, 2014	A DRAM MEMORY DEVICE WITH MANUFACTURABLE CAPACITOR

- 2. All inventions claimed or described in any or all of the Patents (collectively, the "Inventions");
- 3. All rights with respect to the Inventions, including all United States patents or other governmental grants or issuances that may be granted with respect to the Inventions or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Patents (collectively, the "Potential Patents");
- 4. All reissues, reexaminations, extensions, or registrations of the Patents or Potential Patents:
- 5. All non-United States patents, patent applications, and counterparts relating to any or all of the Inventions, the Patents, or Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (collectively, the "Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;

Assignment from Hyming Souh Rhie to Conversant Intellectual Property Management Inc. [01404-US-PRV]
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- 6. The right to claim priority rights deriving from the Patents;
- 7. All causes of action and remedies related to any or all of the Patents, the Inventions, Potential Patents, or Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and
- 8. Any and all other rights and interests arising out of, in connection with, or in relation to the Patents, the Inventions, Potential Patents, or Foreign Rights.

Assignor(s) will not sign any writing or do any act conflicting with this Assignment, and, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignee shall compensate Assignor(s) for any reasonable, documented disbursements provided that Assignor(s) shall have furnished Assignee an advance, written estimate of the fees and costs for such assistance and Assignee shall have agreed in writing to pay such fees and costs. Assignor(s) request(s) the respective Patent Office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor(s), its(their) successors, legal representatives and assigns.

Assignment from Hyoung Scub Rhie to Conversant Intellectual Property Management Inc. [01404-US-PRV]
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SIGNED at	Ottawa	Canada	
	City or Town	Country	
this	30th day of	anuary , 2015.	۸۵
		Hybung Seub RHIE	<u> L:</u>
		*	
	STA	ATEMENT OF WITNESS	
I, <u>Ecin</u>	Le Je So we ne of witness)	whose full post office address is	
52 cs	se Adelbert	- Dumoulin	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Carti	neau, QC	<u> </u>	

was personally present and did see Hyoung Seub RHIE execute the within assignment and such

assignor is personally known to me to be the person described in such document.

Offace

Assignment from Hypung Seub Rhie to Conversant Intellectual Property Management Inc. [01404-US-PRV] Page 3 of 3

> PATENT **REEL: 035732 FRAME: 0819**

RECORDED: 05/28/2015