

<b>TRADEMARK ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

ETAS ID: TM491503

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Royal Bank of Canada		07/31/2018	Company: CANADA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Conversant Intellectual Property Management Inc.		
<b>Street Address:</b>	515 Legget Drive, Suite 704		
<b>City:</b>	Ottawa		
<b>State/Country:</b>	CANADA		
<b>Postal Code:</b>	K2K 3G4		
<b>Entity Type:</b>	Corporation: CANADA		
<b>PROPERTY NUMBERS Total: 13</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	86004631	CO	
<b>Serial Number:</b>	86156721	C O	
<b>Serial Number:</b>	85935350	CONVERSANT	
<b>Serial Number:</b>	86119021	CONVERSANT	
<b>Serial Number:</b>	86004618	CONVERSANT	
<b>Serial Number:</b>	86156719	CONVERSANT	
<b>Serial Number:</b>	85590455	CORE W I R E L E S S	
<b>Serial Number:</b>	85590411	CORE WIRELESS LICENSING	
<b>Serial Number:</b>	77171707	HLNAND	
<b>Serial Number:</b>	86117916	HLNAND	
<b>Serial Number:</b>	86176179	HLSSD	
<b>Serial Number:</b>	78840995	MOSAID	
<b>Serial Number:</b>	74641351	MOSAID	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>			
<i>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.</i>			
<b>Email:</b>	patentadministrator@clarkelbing.com		
<b>Correspondent Name:</b>	Clark & Elbing LLP		

CH \$340.00 86004631

**Address Line 1:** 101 Federal Street, 15th Floor  
**Address Line 4:** Boston, MASSACHUSETTS 02110

**ATTORNEY DOCKET NUMBER:** 50783-012001

**NAME OF SUBMITTER:** Todd Armstrong

**SIGNATURE:** /Todd Armstrong/

**DATE SIGNED:** 09/26/2018

**Total Attachments: 4**

source=50783 Conversant RBC Release of Security Interest in U.S. Trademarks executed#page1.tif  
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source=50783 Conversant RBC Release of Security Interest in U.S. Trademarks executed#page3.tif  
source=50783 Conversant RBC Release of Security Interest in U.S. Trademarks executed#page4.tif

**RBC RELEASE OF SECURITY INTEREST IN U.S. TRADEMARKS**

This RBC RELEASE OF SECURITY INTEREST IN U.S. TRADEMARKS (this "Release"), dated as of July 31, 2018, is made by Royal Bank of Canada ("RBC"), in favor of Conversant Intellectual Property Management Inc. (the "Grantor"). Capitalized terms used and not defined herein have the meanings given to such terms (whether directly or by reference to another agreement or document) in the U.S. IP Security Agreement (as defined below).

WHEREAS, the Grantor, CPPIB Credit Investments Inc. ("CPPIB" and, together with RBC, the "Lenders") and RBC are parties to that certain (i) U.S. Intellectual Property Security Agreement (For Non-U.S. Grantors), dated as of June 11, 2014 (as amended, restated, amended and restated, supplemented or otherwise modified prior to the date hereof, the "U.S. IP Security Agreement"), and (ii) U.S. Trademark Security Agreement (For Non-U.S. Grantors), dated as of June 11, 2014 (as amended, restated, amended and restated, supplemented or otherwise modified prior to the date hereof, the "U.S. Trademark Security Agreement"), pursuant to which the Grantor granted to the Lenders a security interest in all of the Grantor's right, title and interest in, to and under all Trademarks of the Grantor listed on Schedule A attached hereto ("Trademark Collateral");

WHEREAS, the U.S. Trademark Security Agreement was recorded with the United States Patent and Trademark Office ("USPTO") on September 9, 2014, at Reel/Frame 5359/0690;

WHEREAS, pursuant to that certain Amendment No. 6 to Credit Agreement, dated as of July 31, 2018, among the Grantor, CPPIB, RBC and the other parties thereto, RBC terminated and released its security interest in the assets of the Grantor and its subsidiaries, including the Trademark Collateral; and

WHEREAS, RBC has agreed to execute and deliver this Release to evidence the release of its security interest in the Trademark Collateral.

NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, RBC hereby terminates and releases the entirety of its security interest in the Trademark Collateral, and hereby re-assigns, re-transfers and re-conveys to the Grantor any and all right, title and interest RBC may have in, to or under the Trademark Collateral.

This Release is applicable solely with respect to the security interest granted in favor of RBC and not to the security interest granted in favor of CPPIB and not to any rights or remedies of CPPIB with respect to the Trademark Collateral. CPPIB's security interest, liens, rights and interests in the Trademark Collateral shall not be, and shall not be deemed to be, impaired, interrupted or otherwise modified in any respect by this Release.

RBC hereby authorizes CPPIB to record this Release with the USPTO.

This Release shall be construed in accordance with and governed by the laws of the State of New York.

[Signature page follows]

IN WITNESS WHEREOF, the undersigned has caused this Release to be duly executed and delivered as of the date first above written.

ROYAL BANK OF CANADA, as a Lender

By:   
Name:  
Title: **MIKE ELSEY**

AUTHORIZED SIGNATORY

*[Signature Page to Release of Security Interest in U.S. Trademarks]*

**TRADEMARK**  
**REEL: 006473 FRAME: 0363**

## SCHEDULE A

### TRADEMARKS

Reference #	Mark	Country	Application #	Filing Date	Registration Date	Registration #	Goods Description	Status	Owner
19-0002-US	C O Diamond Logo	UNITED STATES	86/004,631	07/08/2013	N/A	N/A	45 - Intellectual property licensing; patent licensing; patent management services.	PENDING	Conversant Intellectual Property Management, Inc.
19-0002-US1	C O Diamond Logo	UNITED STATES	86/156,721	01/03/2014	N/A	N/A	35 - Commercial administration of intellectual property licensing programs; Procuring of contracts for the purchase and sale of intellectual property; Business management services, namely, patent portfolio acquisition, divestiture, development, evaluation, marketing, and commercialization strategies. 36 - Brokerage of intellectual property; Brokerage services, namely, acquisition and divestiture of patents and intellectual property; Intellectual property investment services 45 - Intellectual property licensing; Patent licensing; Patent management services.	PENDING	Conversant Intellectual Property Management, Inc.
17-0002-US	CONVERSANT	UNITED STATES	85/935,350	05/17/2013	4/1/2014	4,507,975	45 - Intellectual property licensing; patent licensing; patent management services	REGISTERED	Conversant Intellectual Property Management, Inc.
17-0003-US	CONVERSANT	UNITED STATES	86/119,021	11/14/2013	N/A	N/A	35 - Commercial administration of intellectual property licensing programs; Procuring of contracts for the purchase and sale of intellectual property; Business management services, namely, patent portfolio acquisition, divestiture, development, evaluation, marketing, and commercialization strategies 36 - Brokerage of intellectual property; Brokerage services, namely, acquisition and divestiture of patents and intellectual property; Intellectual property investment services 42 - Technical research and development in the area of semiconductor memory technology; Technical research and development in the area of flash memory technology; Technical research and development in the area of storage systems and sub-systems for digital data; Design services in the field of storage systems and sub-systems for digital data; Design services in the field of semiconductor memory applications; Development of technologies for the fabrication of circuits for storage systems and sub-systems; Development of technologies for the fabrication of circuits for memory applications; Design services in the field of semiconductor memory technology; Consulting services in the field of storage systems and sub-systems for digital data; Consulting services in the field of semi-conductor memory applications	PENDING	Conversant Intellectual Property Management, Inc.
18-0002-US	CONVERSANT and design	UNITED STATES	86/004,618	07/08/2013	N/A	N/A	45 - Intellectual property licensing; patent licensing; patent management services.	PENDING	Conversant Intellectual Property Management, Inc.
18-0002-US1	CONVERSANT and design	UNITED STATES	86/156,719	01/07/2014	N/A	N/A	35 - Commercial administration of intellectual property licensing programs; Procuring of contracts for the purchase and sale of intellectual property; Business management services, namely, patent portfolio acquisition, divestiture, development, evaluation, marketing, and commercialization strategies 36 - Brokerage of intellectual property; Brokerage services, namely, acquisition and divestiture of patents and intellectual property; Intellectual property investment services. 42 - Technical research and development in the area of semiconductor memory technology; Technical research and development in the area of flash memory technology; Technical research and development in the area of storage systems and sub-systems for digital data; Design services in the field of storage systems and sub-systems for digital data; Design services in the field of semiconductor memory applications; Development of technologies for the fabrication of circuits for storage systems and sub-systems; Development of technologies for the fabrication of circuits for memory applications; Design services in the field of semiconductor memory technology; Consulting services in the field of storage systems and sub-systems for digital data; Consulting services in the field of semi-conductor memory applications.	PENDING	Conversant Intellectual Property Management, Inc.
16-0004-US	CORE WIRELESS & DESIGN	UNITED STATES	85/590,455	03/30/2012	N/A	N/A	45 - Licensing of intellectual property rights, namely licensing of intellectual property rights in the field of wireless communications products, systems and networks; patent management services, namely patent management services in relation to patent rights in the field of wireless communications products, systems and networks	ALLOWED	Core Wireless Licensing S.a.r.l
16-0003-US	CORE WIRELESS LICENSING	UNITED STATES	85/590,411	03/30/2012	N/A	N/A	45 - Licensing of intellectual property rights, namely licensing of intellectual property rights in the field of wireless communications products, systems and networks; patent management services, namely patent management services in relation to patent rights in the field of wireless communications products, systems and networks	ALLOWED	Core Wireless Licensing S.a.r.l
15-0002-US	HLNAND	UNITED STATES	77/171,707	10/22/2007	N/A	N/A	09 - Semi-conductors; semi-conductor memory devices; semi-conductor memory controllers and semi-conductor memory subsystems;	PENDING	Conversant Intellectual Property Management, Inc.
15-0010-US	HLNAND	UNITED STATES	86117916	11/13/2013	N/A	N/A	09 - Semi-conductors, namely, electronic circuit cards and cartridges, integrated circuits; Semi-conductor memory devices, namely, flash memory and flash memory cards, cartridges, drives, adapters, converters, controllers, players, readers, storage modules, flash memory design prototypes; Semi-conductor memory controllers; Semi-conductor memory subsystems, namely, memory storage sub-systems, computer hardware and software for supporting, controlling and operating semi-conductor memory sub-systems; Software featuring memory designs for integrated circuits; Software featuring memory designs for integrated circuits, namely, semiconductor designs; Memory designs; Flash memory designs; Memory controller designs; Memory subsystem designs; Memory circuit designs, namely, integrated circuit memory and memory controller layouts recorded on computer media; Semi-conductors, namely, memory design prototypes; Memory controller design prototypes; Memory subsystem design prototypes 042 - Design services in the field of integrated circuit design and integrated circuit engineering; Consulting services in the field of semi-conductor memory applications	PENDING	Conversant Intellectual Property Management, Inc.

20-0002-US	HILSSD	UNITED STATES	86/176,179	01/27/2014	N/A	N/A	09 - Storage media; solid state storage devices; solid state drives; solid state drive designs; semi-conductors; semi-conductors, namely, electronic circuit cards and cartridges, integrated circuits and semi-conductor design prototypes; semi-conductor memory devices, namely, flash memory and flash memory cards, cartridges, drives, adapters, converters, controllers, players, readers, storage modules, flash memory design prototypes; semi-conductor memory controllers; semi-conductor memory subsystems, namely, memory storage sub-systems, computer hardware and software for supporting, controlling and operating semi-conductor memory sub-systems; software featuring memory designs for integrated circuits; software featuring memory designs for integrated circuits, namely, semiconductor designs; memory designs; flash memory designs; memory controller designs; memory subsystem designs; memory circuit designs, namely, integrated circuit memory and memory controller layouts recorded on computer media; semi-conductors, namely, memory design prototypes; memory controller design prototypes; memory subsystem design prototypes. 042 - Design services in the field of integrated circuit design and integrated circuit engineering; consulting services in the field of semi-conductor memory applications.	PENDING	Conversant Intellectual Property Management, Inc.
01-0003-US	MOSAID	UNITED STATES	78/840,995	03/20/2006	4/7/2009	3,602,528	009 - Computers; computer hardware; computer software, namely, applications for hardware and software data networking, namely, software for semi-conductor testing; applications for telecommunications, namely, software for semi-conductor testing; semi-conductor memory applications, namely, software for semi-conductor testing; computer peripherals, semi-conductors, and integrated circuits. 042 - Design services for others in the field of integrated circuit design and integrated circuit engineering; consulting services in the field of hardware and software data networking, telecommunications and semi-conductor memory applications	REGISTERED	Conversant Intellectual Property Management, Inc.
01-0002-US	MOSAID	UNITED STATES	74/641,351	03/02/1995	4/2/1996	1,965,347	09 - integrated circuit memory testers and computer software for use with integrated circuit memory testers 042 - semiconductor chip design and semiconductor chip engineering services	REGISTERED	Conversant Intellectual Property Management, Inc.