504499462 08/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4546166

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QNX SOFTWARE SYSTEMS LTD.	10/23/2004

RECEIVING PARTY DATA

Name:	QNX SOFTWARE SYSTEMS	
Street Address:	175 TERENCE MATTHEWS CRESENT	
City:	OTTAWA, ONTARIO	
State/Country:	CANADA	
Postal Code:	K2M 1 W8	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14166616	

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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brinksindy@brinksgilson.com

Correspondent Name: MICHAEL E. HUSSEY

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Address Line 2: BRINKS GILSON & LIONE

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ATTORNEY DOCKET NUMBER:	14295-986(38787-US-CNT-4)		
NAME OF SUBMITTER:	MICHAEL E. HUSSEY		
SIGNATURE:	/mh/		
DATE SIGNED:	08/11/2017		

Total Attachments: 3

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PATENT 504499462 REEL: 043266 FRAME: 0845

ASSIGNMENT OF PATENT APPLICATIONS

THIS AGREEMENT is entered into effective as of the 23rd day of October, 2004 (the "Effective Date")

BETWEEN:

QNX SOFTWARE SYSTEMS LTD., a corporation incorporated under the laws of Canada, and having an office at 175 Terence Matthews Crescent, in the City of Kanata, in the Province of Ontario, K2M 1W8

(the "Assignor")

AND:

QNX SOFTWARE SYSTEMS, a partnership formed under the laws of Ontario by the Assignor and 3091794 Nova Scotia Company, a corporation incorporated under the laws of Nova Scotia

(the "Assignee")

WHEREAS, Assignor owns all rights, title and interest in the inventions and their corresponding patent applications listed in attached Schedule A, including any re-examinations, reissues, continuations, extensions and divisions (the "Patent Applications").

WHEREAS Assignce has purchased from Assignor all right, title, and interest in and to the Patent Applications.

The parties agree as follows:

1. Assignor, in consideration of the payment by Assignee of one dollar (\$1.00), and for other good and valuable consideration, the receipt and sufficiency of which is acknowledged, hereby sells, assigns, transfer and conveys as of the Effective Date to Assignee, its successors and assigns, its entire right, title and interest in and to the Patent Applications and the inventions disclosed in the Patent Applications, and all patents issuing therefrom, worldwide, including all re-examinations, reissues, continuations, extensions and divisions, and all income, royalties, damages, profits and payments now or hereafter due or payable with respect thereto, and to all causes of action and the right to sue, counterclaim and recover, for past, present and future infringement or unauthorized use of the rights and interest assigned under this Agreement, such right, title and interest to be held and enjoyed by Assignee, its successors and assigns for their use and benefit worldwide, to the full end of the term for which such patents may be granted as

PATENT REEL: 043266 FRAME: 0846 fully and entirely as same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

2. Assignee shall have the right to file this Agreement and all such notices and other documents with the relevant Patent Office as are necessary to perfect this assignment, all costs to be borne by Assignee. Assignor agrees to do all lawful and just acts, and to sign or otherwise execute upon Assignee's request, all notices, documents and instruments, which may be necessary or desirable to vest, perfect and maintain the Patent Applications and the inventions therein disclosed in the Assignee, its successors and assigns, worldwide, without further consideration but at the expense of Assignee.

This Agreement is executed below by an authorized representative of each party.

QNX SOFTWARE SYSTEMS LTD. By: Den Denker Authorized Signatory	
Name: <u>Dan Dodge</u>	
QNX SOFTWARE SYSTEMS, by the Partners	
QNX Software Systems Ltd. By: Dom Dollar Authorized Signatory	3091794 Nova Scotia Company By: Authorized Signatory
Name: <u>Dan Dodge</u>	Name: <u>Dan Dodge</u>

PATENT REEL: 043266 FRAME: 0847

SCHEDULE A

Patent Applications

CANADA

		Pagadan		Registration v
DISTRIBUTED KERNEL OPERATING SYSTEM	26-Aug-98	2,245,963	n/a	n/a
SYMMETRIC MULTI-PROCESSOR SYSTEM AND METHOD	26-Aug-98	2,245,976	n/a	n/a

UNITED STATES

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SYMMETRIC MULTI-PROCESSOR SYSTEM AND METHOD	25-Aug-99	09/383,115	n/a	n/a
IMPROVED METHOD AND SYSTEM OF COMPUTER FILE MANAGEMENT	03-Арг-01	09/824,252	n/a	n/a
CASCADING BEHAVIOUR OF PACKAGE GENERATION / INSTALLATION BASED ON VARIABLE PARAMETERS	23-Sep-02	10/252,095	n/a	n/a
METHOD AND SYSTEM FOR PROVIDING TRANSPARENT ACCESS TO HARDWARE GRAPHICS LAYER	30-Aug-04	10/928,698	n/a	n/a

PATENT REEL: 043266 FRAME: 0848

RECORDED: 08/11/2017