Client/Matter No. 11336/1040 (P05122US)				
RECORDATION FORM COVER SHEET				
PATENTS ONLY				
To the Director of the U.S. Patent and Trad	emark Office: Please	record the attached doc	ress of receiving Party(ies):	
 Name of conveying Party(ies)/Execut 	ion Date:	2. Name and Add	ress of receiving Faity(les).	
DAN DODGE		Name:	QNX SOFTWARE SYSTEMS	
		Internal Address:		
		Street Address:	175 Terence Crescent Ottawa, Ontario, K2M 1W8 Canada	
Additional name(s) of conveying party(ies) attached?		∣ Ì Additional name(s) ar	nd addresses attached? 🔲 Yes 🖾 No	
☐ Yes ⊠ No		, 1331301311131114(1)		
Nature of Conveyance: Execution Date(s): August 16, 2005				
⊠ Assignment [☐ Change of Name	☐ Exec	utive Order 9424, Confirmatory License	<u> </u>
Security Agreement	☐ Security Agreement ☐ Merger		☐ Joint Research Agreement	
☐ Government Interest Assignment ☐ Other				
4. Application or patent number(s). A. Patent Application No.(s) 11/173,945	·	B. Patent No.(s)	ther with a new application.	
Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom ☐ 6. Total number of applications and patents involved: 1				
 Name and address of party to whom correspondence concerning docume mailed: 		O. Total number of a	applications and patents involved	
BRINKS HOFER GILSON P.O. BOX 10395	& LIONE	7. Total fee (37 CF	FR 1.21(h) & 3.41) \$ <u>40</u>	<u>0</u> │
CHICAGO, IL 60610 (312) 321-4200 (312) 321-4299 Fax		Authorized to be 1925.	charged by credit card. charged to Deposit Account No. 23-	
		☐ Enclosed☐ None required (s	government interest not affecting title)	
		8. Payment Inform	nation:	
		a. Credit Card:	Last 4 Numbers Expiration Date	
		b. 🛭 Charge fee ar Account Num Authorized Us		ıe
9. Signature:	Sex_	4/23	105	
Signature Robert B. Polit, Reg.	No. 33, 993		late number of pages including cover	
Name of Perso	n Signing		ents, and documents: 4	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

11336/1040 (P05122US)

<u>ASSIGNMENT</u>

WHEREAS, Dan Dodge, herein after called the "Assignor," has made the invention described in the United States patent application entitled FILE SYSTEM HAVING INVERTED HIERARCHICAL STRUCTURE, for a full description of which reference is here made to an application for Letters Patent of the United States filed on July 1, 2005, and assigned Application Serial No. 11/173,945, executed by Assignor on or about the same date as this Assignment;

WHEREAS, QNX SOFTWARE SYSTEMS, an Ontario Partnership existing under the laws of Canada and having an office at 175 Terence Crescent, Ottawa, Ontario, K2M 1W8, CANADA, hereinafter the "Assignee," desires to acquire all right, title and interest in and to the invention and the patent application identified above, and in all Patents, in the United States and in any and all foreign countries which may be obtained from said invention;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals and extensions of any of the patent applications and patents defined above; to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

Page 1 of 3

The Assignor hereby covenants and agrees, for the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED: 16 Arg 2009 Down

Date Dodge

TIONING OF CHILDRE	<i>j</i>
City Of OHawa) SS.)
the same person whose name is su day in person and acknowledged	ban badge personally known to me to be bscribed to the foregoing instrument, appeared before me this that he signed, sealed and delivered the said instrument as ne uses and purposes therein set forth.
16 day of August	EREOF, I have hereunto set my hand and Notarial Seal, this, 2005.

My Commission Expires:

Page 3 of 3