05-06-2003

U.S. DEPARTMENT OF COMMERCE

(Rev. 10.02)	(AND UNIT OF SECTION OF SECTION AND ADDRESS OF SECTION		U.S. Patent and Trademark Office					
OMB No. 0651-0027 (exp. 6/30/2005)	102439652							
Tab settings ⇔ ⇔ ♥ ,			Y Y Y					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.								
Name of conveying party(ies):		Name and address of receiving party(ies)						
724 Solutions Inc.		Name: Tantau Software, Inc.						
		Internal Address						
		internal Address.						
Additional name(s) of conveying party(ies) attached?	Yes No							
3. Nature of conveyance:								
Assignment Merge	er		1001.01					
Security Agreement Chang	ge of Name	Street Address:	1221 State Street					
Other Nunc Pro Tunc Assignment effective								
01/02/2003 Execution Date:		City: Santa Barbara State: CA Zip: 93101						
		Additional name(s) & address(es) attached? Yes V No						
4. Application number(s) or patent number(s):								
If this document is being filed together with	h a new applic	cation, the execution	date of the application is:					
A. Patent Application No.(s) 08/680,266		B. Patent No.(s) _6,253,252;						
		6,263,485; 6,321,273; 6,308,225						
Additional numbers attached? Ves No								
5. Name and address of party to whom corre	espondence	6. Total number of a	oplications and patents involved: 12					
concerning document should be mailed:		· · · · · · · · · · · · · · · · · · ·	480.00					
Name: H. Lisa Calico		7. Total fee (37 CFR	3.41)\$480.00					
Thompson & Knight, Ll	LP	Enclosed						
		Authorized to	be charged to deposit account					
98 San Jacinto Blvd. #12	200	8. Deposit account r	numper:					
Street Address: 98 San Jacinto Blvd. #1200		20-0821						
City: Austin State: TX Zip: 78701								
DO NOT USE THIS SPACE								
9. Signature.								
		O *						
H. Lisa Calico	- XV	vi (alu)	4-8-03					
Name of Person Signing	- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Signature	Date					
Total number of pages including cover sheet, attachments, and documents:								

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086800 Courses to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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Continuation of Item 4B of Recordation Form Cover Sheet

4B. Additional Patent No(s):

- 1. 5,943,674
- 2. 6,173,327
- 3. 5,897,636
- 4. 6,253,254
- 5. 6,065,045
- 6. 6,157,959
- 7. 5,860,072

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PATENT REEL: 014015 FRAME: 0832

NUNC PRO TUNC ASSIGNMENT

Whereas 724 SOLUTIONS INC. (the "Assignor"), a corporation of Canada having its head office or principal place of business at 4101 Yonge Street, Suite 702, Toronto, ON Canada M2P 1N6, is the owner of record of certain intellectual property, specifically including patents and patent applications identified in the attached Schedule A (hereinafter collectively referred to as the "Intellectual Property");

And whereas TANTAU SOFTWARE, INC. (the "Assignee"). a Delaware corporation having its head

And whereas TANTAU SOFTWARE, INC. (the "Assignee"), a Delaware corporation having its head office or principal place of business at 1221 State Street, such business, wishes to obtain from the Assignor, and the Assignor desires to transfer to the Assignee, any and all of Assignor's right, title and interest in and to the Intellectual Property, including the right to obtain and hold patents therefor;

Therefore, for good and valuable consideration, the receipt and sufficiency of which are acknowledged, the Assignor hereby assigns and transfers to the Assignee, and confirms that it has assigned and transferred to the Assignee, effective as of January 17, 2001, any and all of Assignor's right, title and interest in and to the Intellectual Property described in the attached Schedule A, and in and to any corresponding patents and patent applications, including any divisional, continuation, continuation-in-part, and reissue applications, and any foreign counterparts, whether presently pending or filed in the future.

The Assignor hereby agrees to execute without further consideration such further documentation as may be required to obtain any letters patent for the Intellectual Property and to vest rights in any patent or patent application for the Intellectual Property in the Assignee.

WITNESSED at To Conto (City/Town, Coun	$\frac{1}{\text{on}}$, on $\frac{1}{1}$ $\frac{1}{1$
Witness:	724 SOLUTIONS INC.
(signature of witness)	by: Eric Lowy General Counseland Corporate Secretary
DECLARATIO	N OF SUBSCRIBING WITNESS
1, David Purce	of Toronto (City/Town. Country)

declare that I was present at and did witness the execution of the attached Assignment by the Assignor 724 SOLUTIONS INC., by the above-named officer who is known to me to be authorized to execute the Assignment on behalf of the Assignor.

(signature of witness)

SCHEDULE A TO NUNC PRO TUNC ASSIGNMENT

	Title	Inventor(s)	Filing Date	Patent Application Serial No.	Patent No.
1,	Method and Apparatus for Asynchronously Calling and Implementing Objects	Andrew Schofield	11 July 1996	U.S. App. No. 08/680,202	U.S. Patent No. 6.253,252
2.	Method and Apparatus for Describing an Interface Definition Language-Defined Interface. Operation, and Data Type	Andrew Schofield	11 July 1996	U.S. App. No. 08/680,270	U.S. Patent No. 6,263,485
3.	Method and Apparatus Using Parameterized Vectors for Converting Interface Definition Language-Defined Data Structures into a Transport and Platform Independent Format	Andrew Schofield	11 July 1996	U.S. App. No. 08/678,681	U.S. Patent No. 6,321,273
·1.	Method for Performing Distributed Object Calls	Andrew Schofield	11 July 1996	U.S. App. No. 08/678,295	U.S. Patent No. 6,308,225
ī.	Data Structure Representing an Interface Definition Language Source File	Andrew Schofield	11 July 1996	U.S. App. No. 08/678,298	U.S. Patent No. 5.943,674
6.	Method and Apparatus for Performing Distributed Object Calls Using Proxies and Memory Allocation	Andrew Schofield	11 July 1996	U.S. App. No. 08/680,266	
7.	Object-Oriented Method and Apparatus for Information Delivery	Jeroen De Borst, Peter Bonham, Ansgar Erlenkoetter, Andrew Schofield, Reto Kaeser	11 July 1996	U.S. App. No. 08/678.317	U.S. Patent No. 6.173.327
8.	Distributed Object Computer System with Hierarchal Name Space Versioning	Reto Kaeser	11 July 1996	U.S. App. No. 08/678,791	U.S. Patent No. 5,897,636
·).	Hyper Media Object Management	Ansgar Erlenkoetter, Jeroen De Borst, Peter Bonham	11 July 1996	U.S. App. No. 08/678.680	U.S. Patent No. 6.253,254
10.	Method and Apparatus for Object Reference Processing	Peter Bonham	3 July 1997	U.S. App. No. 08/887,987	U.S. Patent No. 6,065,045
11.	Method and Apparatus for Providing Portable Kernel-Mode Support for Fast Interprocess Communication	Peter Bonham, Ulrich Klein, Harri Mauria	3 July 1997	U.S. App. No. 08/887.758	U.S. Patent No. 6.157.959
12.	Method and Apparatus for Transporting Interface Definition Language-Defined Data Structures Between Heterogeneous Systems	Andrew Schoffeld	11 July 1996	U.S. App. No. 08/680,203	U.S. Patent No. 5,860,072

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RECORDED: 04/11/2003

PATENT REEL: 014015 FRAME: 0834