FORM PTO-1,595	04-22-20	300	SHEET	U.S. DEPARTM		
(Rev. 6-93)	04-22-20	JOS	•	Pat	tent and Trade	emark Office
4/20/09						
To the Honorable Commissioner of I	1035576			nal document		ereof.
1. Name(s) of conveying party(ies):		2. Name and	l address of r	receiving part	ty:	
1) ALEXANDER J. COHEN		Name: SE	EARETE LLC	<u> </u>		
<ul> <li>2) EDWARD K.Y. JUNG</li> <li>3) ROYCE A. LEVIEN</li> <li>4) ROBERT W. LORD</li> <li>5) WILLIAM HENRY MANGION</li> <li>6) MARK A. MALAMUD</li> </ul>	E-SMITH	Internal Ad	ddress:			
Additional names of conveying parties attach	ed? <u>Y</u> es <u>X</u> No			TU		
Nature of conveyance:     X Assignment	Merger	Street Add	dress: <u>1756</u>	– 114 <sup>TH</sup> AVE	. S.E., # 1	<u>10</u>
Security Agreement C	Change of Name					
Other	_	City: <u>BEL</u>	LEVUE	Sta	te <u>WA</u>	
Execution Dates:		Zip: <u>9800</u>	14			
2) JANUARY 5, 2007 5) JANU	JARY 15, 2007 JARY 5, 2007 CH 31, 2009	Additional name	s & addresses a	attached?	_Yes	<u>X</u> No
4. Application number(s) or registra	tion number(s):					
If this do  A. Patent Application No(s).	cument is being filed t the execution date o		on is	tion,	0	1
					O	
11/640,484 Additi	onal numbers attache	l d? Ye	es X No	nder 17 helder dags versche Stellebaum von den Menschler	eri elinya kanakanana salahan daga kamaka sa sa sa sa sa	
			1			
<ol><li>Name and address of party to who concerning document should be</li></ol>	nom correspondence mailed:	6. Total num patents in	volved	ations and		1
Name: <u>SEARETE</u>	LLC					
Internal Address: CLARENCE	T. TEGREENE	7. Total Fee	(37 CFR 3.4	1):		. \$40
		Enclo	osed			
Street Address: 1756 – 114	th Ave. S.E., # 110	X Auth	orized to be	charged to de	eposit acc	count
City: <u>Bellevue</u> State: <u>WA</u> ZIP:	98004	8. Deposit a	ccount numb	er:		
City. <u>Believae</u> State. <u>Tw.</u> 2		50285	7 04/21	1/2009 DEYRNE	06000061	<u>582857</u> 1154646
	DO NOT LISE	THIS SPACE		18821	<del>ਅਤੇ ਰਹੇ ਸਮੇਂ</del>	
9. Statement and signature.  To the best of my knowledge an true copy of the original docume  JONATHAN E. OLSON  Name of Person Signing	d belief, the foregoing ent. Signat	200	true and corr	rect and any of 2. Date	attached o	copy is a
Name of Ferson Organing						

Total number of pages including cover sheet, attachments, and document: 13

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REEL: 022581 FRAME: 0204

## SUPPLEMENTAL ASSIGNMENT

WHEREAS, we, Alexander J. Cohen, Edward K.Y. Jung, Royce A. Levien, Robert W. Lord, and William Henry Mangione-Smith and Mark A. Malamud (hereinafter referred to as ASSIGNORS), having post office addresses of 77 Rose Avenue, Mill Valley, CA 94941; 13420 NE 36<sup>th</sup> Street, Bellevue, WA 98005-1403; 43 Somerset Road, Lexington, MA 02420-3519; 1423 – 35<sup>th</sup> Avenue, Seattle, WA 98122; 4146 – 118<sup>th</sup> Avenue NE, Kirkland, WA 98033, and 1508 Ninth Avenue West, Seattle, WA 98119, respectively, are the joint inventors of an invention entitled "USING NETWORK ACCESS PORT LINKAGES FOR DATA STRUCTURE UPDATE DECISIONS" as described and claimed in the specification for which an application for United States letters patent was filed on December 15, 2006, and assigned Application No. 11/640,484; and

WHEREAS, Searete LLC, (hereinafter referred to as ASSIGNEE), a limited liability corporation of the State of Delaware, having a place of business at 1756 – 114<sup>th</sup> Ave. S.E., Suite 110, Bellevue, WA 98004, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE.

Page 1 of 2

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date	Alexander J. Cohen
Date	Edward K.Y. Jung
Date	Royce A. Levien
Date	Robert W. Lord
Date	William Henry Mangione-Smith
3-31-09 Date	Mark A. Malamud

Page 2 of 2

Date: 2/23/2007 2:38<sup>-09</sup> PM

#### **ASSIGNMENT**

WHEREAS, we, Alexander J. Cohen; Edward K.Y. Jung; Royce A. Levien; Robert W. Lord and William Henry Mangione-Smith (hereinafter referred to as ASSIGNORS), having post office addresses of 77 Rose Avenue, Mill Valley, CA 94941; 13420 NE 36<sup>th</sup> Street, Bellevue, WA 98005-1403; 43 Somerset Road, Lexington, MA 02420-3519; 1410 – 41<sup>st</sup> Avenue East, Seattle, WA 98112 and 4146 – 118<sup>th</sup> Avenue NE, Kirkland, WA 98033, respectively, are the joint inventors of an invention entitled "USING NETWORK ACCESS PORT LINKAGES FOR DATA STRUCTURE UPDATE DECISIONS," as described and claimed in the specification for which an application for United States letters patent was filed on December 15, 2006 and assigned Application No. 11/640,484; and

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2-20-07	
Date	Alexander J. Cohen
Date	Edward K.Y. Jung
Date	Royce A. Levien
Date	Robert W. Lord
Date	William Henry Mangione-Smith

Ishmael\_2\_1:Users:xcohen:Documents:\_IntVen:Invention:Kelli Lee Dennis:assgt-joint-post-8.doc

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Page 1 of 2

Date	Alexander J. Cohen
1 5 07 Date	Edward K.Y. Jung
Date	Royce A. Levien
Date	Robert W. Lord
Date	William Henry Mangione-Smith

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Date	Alexander J. Cohen
Date	Edward K.Y. Jung
1/15/06	
Date	Rayce A. Levien
Date	Robert W. Lord
Date	William Henry Mangione-Smith

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Date	Alexander J. Cohen
Date	Edward K.Y. Jung
Date	Royce A. Levien
1-15-07	
Date	Robert W. Lord
Date	William Henry Mangione-Smith

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Page 1 of 2

Date	Alexander J. Cohen
Date	Edward K.Y. Jung
Date	Royce A. Levien
Date	Robert W. Lord
1/5/7 Date	William Henry Mangione-Smith