Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Richard A. Warren	03/13/2013
Sudarshan Raghunathan	03/14/2013
Adam P. Jenkins	03/17/2013

#### **RECEIVING PARTY DATA**

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13828981

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	13768.2282
NAME OF SUBMITTER:	Gregory R. Lunt

Total Attachments: 6

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PATENT REEL: 030051 FRAME: 0326 > \$40,00 138289;

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MS Docket No.: <u>338582.01</u> OC Number: <u>13768.2282</u>

l <u>Rich</u>	<u>ard A. Warren (</u> "A	SSIGNOR") am	the origin	al invento	or or an o	riginal jo	int
inventor of	subject matter	("INVENTION")	disclosed	and/or	claimed in	ı a pate	ent
application	entitled " <u>PRO</u>	VIDING DIST	RIBUTED	ARRAY	CONTAIN	IERS FO	<u>OR</u>
<b>PROGRAMMI</b>	NG OBJECTS " ("AP	PLICATION"), w	hich:				
	will be filed.	ASSIGNOR h	ereby aut	horizes,	and requ	ests,	
	ASSIGNEE'S legal	representative	s, of the La	w and Co	orporate Af	fairs	
	Department, Micr	osoft Corporat	ion, One M	licrosoft (	Way, Redm	ond,	
	Washington 9805	2 (ASSIGNEE'S	LEGAL REP	RESENTA	TIVES), to i	nsert	
	here in parenth	eses (filed o	n		and g	jiven	
	Application No		by the follo	owing Of	fice <u>US – U</u>	<u> 1ited</u>	
	States Patent	and Tradema	irk Office	) this	APPLICATI	ON's	
	Application No., f	iling date, and	Office, who	en known	1;		
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	13/828,981 by th	e following Of	fice " <u>US – L</u>	<u>Inited Sta</u>	tes Patent	<u>and</u>	
	Trademark Office	";					
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MS Docket No.: <u>338582.01</u> OC Number: <u>13768.2282</u>

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Richard a. Warren	3/13/2013	
Inventor Signature	Date	
Richard A. Warren		
Printed Name in English	Printed Name in Native Language (if other than English)	

MS Docket No.: <u>338582.01</u> OC Number: <u>13768.2282</u>

joint inventor of subject matt	er ("INVENTION") disclose VIDING DISTRIBUTED	·
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Department, Micr Washington 9805 here in parenth Application No States Patent	ASSIGNOR hereby authorepresentatives, of the Larosoft Corporation, One Most and Corporation and Trademark Office, whe	w and Corporate Affairs icrosoft Way, Redmond, RESENTATIVES), to insert and given owing Office US – United this APPLICATION's
	<u>h 14, 2013</u> and was given ne following Office " <u>US – U</u> ";	
Microsoft Corporation, successors and assigns ("ASSIGN entire and exclusive rights, tith (and all other applications applications, in and for the University);	GNEE"), is entitled to, and le and interest in the INV and patents derived the United States, its territori	ENTION and the APPLICATION erefrom, such as continuing
REPRESENTATIVES to insert t	he Application No., filin	
following table for any APPLICA		Office
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Page 1 of 2

MS Docket No.: <u>338582.01</u> OC Number: 13768.2282

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R. Sudarehan	03/14/2013.
Inventor Signature	Date
Sudarshan Raghunathan	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>338582.01</u> OC Number: <u>13768.2282</u>

inventor of application	subject matter ( entitled " <u>PRO</u>	<del></del>	inventor or an original joint and/or claimed in a patent ARRAY CONTAINERS FOR
	ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No States Patent a	ASSIGNOR hereby auth representatives, of the Law osoft Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPR eses (filed on by the following date, and Office, whe	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given wing Office US – United this APPLICATION's
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Page 1 of 2

MS Docket No.: <u>338582.01</u> OC Number: <u>13768.2282</u>

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Inventor Signature Date	Adam P. Jenkins	
	Inventor Signature	Date