### 502120618 11/07/2012

### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Nir Nice	10/30/2012
Noam Koenigstein	11/06/2012
Ulrich Paquet	10/30/2012
Shahar Keren	10/30/2012
Daniel Sitton	10/31/2012
Dror Kremer	10/30/2012
Shai Roitman	10/30/2012

### **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:	13670782

### **CORRESPONDENCE DATA**

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Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER: MSFT-01653US0

REEL: 029256 FRAME: 0853

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PATENT 9256 FRAME: 085

NAME OF SUBMITTER:	Ralph F. Hoppin		
Total Attachments: 14			
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PATENT REEL: 029256 FRAME: 0854

	riginal inventor or an original joint inventor o and/or claimed in a patent application entitled DN"), which:
ASSIGNEE'S legal represent Department, Microsoft Cor Washington 98052 (ASSIGN here in parentheses (file Application No. <u>13</u> /0	PR hereby authorizes, and requests, atives, of the Law and Corporate Affairs poration, One Microsoft Way, Redmond, IEE'S LEGAL REPRESENTATIVES), to insert ed on November 7, 2012 and given 670,782 by the following this APPLICATION's and Office, when known;
was filed on by the	
successors and assigns ("ASSIGNEE"), is entire and exclusive rights, title and int (and all other applications and pate	gton Corporation, on behalf of itself and itsendentited to, and is desirous of acquiring, the serest in the INVENTION and the APPLICATION and the APPLICATION at derived therefrom, such as continuing ates, its territories, and all foreign countries
•	s, and requests, ASSIGNEE'S LEGAL cation No., filing date, and Office into the
Application No. Filing Da	·

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).

Alt Alce	10-30-2012
Inventor's Signature	Date
Nir Nice	ניר נייס
Printed Name in English	Printed Name in Native Language
	(if other than English)

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	•		and/or claimed in a paten
application e	ntitled " <u>Efficient M</u>	<u>odeling System</u> " ("APPLICA	.TION"), which:
	ASSIGNEE'S legal Department, Micro Washington 9805 here in parenth Application No	ASSIGNOR hereby auth representatives, of the Law os of Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPR eses (filed on November 13/670,782	w and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert er 7, 2012 and given by the following this APPLICATION's
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Application N		Filing Date	Office
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V ma Mali	
	11/6/2012
Inventor's Signature	Date
	נעם קניגשטיין
Noam Koenigstein	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Ulrich Paquet</u> ("ASSIGNOR") am the original inventor or an original jinventor of subject matter ("INVENTION") disclosed and/or claimed in a papplication entitled " <u>Efficient Modeling System</u> " ("APPLICATION"), which:	
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on November 7, 2012 and given Application No. 13/670,782 by the following Office by this APPLICATION's Application No., filing date, and Office, when known;	
was filed on and was given Application No by the following Office "";	
Microsoft Corporation, a Washington Corporation, on behalf of itself and successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, entire and exclusive rights, title and interest in the INVENTION and the APPLICAT (and all other applications and patents derived therefrom, such as continuapplications, in and for the United States, its territories, and all foreign count ("APPLICATION DERIVATIVES"));	the ION uing
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LE	GAI
REPRESENTATIVES to insert the Application No., filing date, and Office into	the
following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office	
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Page 1 of 2

INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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

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O 12	
Squet	
,	30 <sup>th</sup> October 2012
Inventor's Signature	Date
Ulrich Paquet	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Sha</u> ł	<u>ıar Keren</u> ("ASSIG	NOR") am the original i	nventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent			
application e	ntitled " <u>Efficient M</u>	<u>odeling System</u> " ("APPLICA	TION"), which:
	ASSIGNEE'S legal in Department, Micro Washington 9805; here in parenthe Application No Office	ASSIGNOR hereby authorepresentatives, of the Law osoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on November 13/670,782)  ling date, and Office, whe	w and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert er 7, 2012 and given by the following this APPLICATION's
	Application No., II	mig date, and office, which	ii kiiowii,
	was filed on	and was given	Application
	No	by the following Office	2
	<u> </u>		
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ASSIGI	NOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAL
REPRESENTA	ΓIVES to insert tl	ne Application No., filin	g date, and Office into the
following tab	le for any APPLICA	TION DERIVATIVES after th	ney are known;
Application N	10.	Filing Date	Office

MS Docket No.: 336839.01

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);

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	10/30/30/3
Inventor's Signature	Date
Shahar Keren	. or what are
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Daniel Sitton</u> ("ASSIGNO of subject matter ("INVENTION entitled <u>"Efficient Modeling Syst</u>	N") disclosed and/or clai	· · · · · · · · · · · · · · · · · · ·
ASSIGNEE'S legal of Department, Micro Washington 9805. here in parenthe Application No Office	ASSIGNOR hereby auth representatives, of the Lavosoft Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPReses (filed on November). 13/670,782	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert er 7, 2012 and given by the following this APPLICATION's
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Microsoft Corporation, a successors and assigns ("ASSIC entire and exclusive rights, titl (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	ONEE"), is entitled to, and e and interest in the INVI and patents derived the	ENTION and the APPLICATION refrom, such as continuing
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REPRESENTATIVES to insert the following table for any APPLICA		
Application No.	Filing Date	Office

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):

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Daniel Sitton	10.31.2012
Inventor's Signature	Date
Daniel Sitton	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Dror Kremer</u> ("ASSIGNOR of subject matter ("INVENTION" entitled " <u>Efficient Modeling Syste</u>	") disclosed and/or clai		
ASSIGNEE'S legal re Department, Micros Washington 98052 here in parenthes Application No. Office	ASSIGNOR hereby authorpresentatives, of the Laves of Corporation, One Micon (ASSIGNEE'S LEGAL REPROSES (filed on 13/670,782 13/670,782 13/670,782	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert er 7, 2012 and given by the following this APPLICATION's	
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Microsoft Corporation, a successors and assigns ("ASSIGN entire and exclusive rights, title (and all other applications an applications, in and for the Un ("APPLICATION DERIVATIVES"));	NEE"), is entitled to, and and interest in the INVI	ENTION and the APPLICATION refrom, such as continuing	
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222	Oct 30 <sup>th</sup> 2012
Inventor's Signature	Date
Dror Kremer	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 336839.01 I Shai Roitman ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Efficient Modeling System" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on November 7, 2012 and given 13/670,782 following Application No. the by \_\_\_\_\_\_) this APPLICATION's Office Application No., filing date, and Office, when known; was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_\_ by the following Office Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")): ASSIGNOR hereby authorizes, and requests. ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

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Hai Michan	30/10/2012
Inventor's Signature	Date
Shai Roitman	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 336839.01