OP \$40,00 12488

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Brian C. Beckman	06/12/2009
David G. Green	06/16/2009
Vijay Mital	06/15/2009
Darryl E. Rubin	06/16/2009

RECEIVING PARTY DATA

Name:	Microsoft Corporation
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City:	Redmond
State/Country:	WASHINGTON
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12488201

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ATTORNEY DOCKET NUMBER: 13768.1158

NAME OF SUBMITTER: Adrian J. Lee

PATENT REEL: 022950 FRAME: 0001

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Total Attachments: 5
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PATENT REEL: 022950 FRAME: 0002

MS Docket No.: <u>325966.01</u> WN Docket No.: <u>13768.1158</u>

WE, Brian C. Beckman, David G. Green, Vijay Mital and Darryl E. Rubin ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Solver-Based Visualization Framework" ("APPLICATION"), which:

the Law and Corporate Affairs Department, Microsoft Corporation, Microsoft Way, Redmond, Washington 98052, who are associated customer number, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. filing date, when known;		will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
Microsoft Way, Redmond, Washington 98052, who are associated customer number, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. filing date, when known; was filed on June 19, 2009 and was given Application No. 12/488,2		hereby authorizes, and requests, ASSIGNEE'S legal representatives, o
customer number, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. filing date, when known; was filed on <u>June 19, 2009</u> and was given Application No. <u>12/488</u> ,		the Law and Corporate Affairs Department, Microsoft Corporation, One
No, filed) this APPLICATION's Application No. filing date, when known; was filed on <u>June 19, 2009</u> and was given Application No. <u>12/488</u> ,		Microsoft Way, Redmond, Washington 98052, who are associated with
filing date, when known; was filed on June 19, 2009 and was given Application No. 12/488,2		customer number, to insert here in parenthesis (Application
was filed on June 19, 2009 and was given Application No. 12/488,2		No, filed) this APPLICATION's Application No. and
		filing date, when known;
is filed concurrently herewith;	X	was filed on June 19, 2009 and was given Application No. 12/488,201
		is filed concurrently herewith;

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"));

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, the 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).

MS Docket No.: <u>325966.01</u> WN Docket No.: <u>13768.1158</u>

Inventor's Signature

Brian C. Beckman

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: <u>325966.01</u> WN Docket No.: <u>13768.1158</u>

Inventor's Signature

Date

David G. Green

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Printed Name in Native Language (if other than English)

MS Docket No.: <u>325966.01</u> WN Docket No.: <u>13768.1158</u>

Inventor's Signature

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Vijay Mital

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MS Docket No.: <u>325966.01</u> WN Docket No.: <u>13768.1158</u>

Inventor's Signature

Darryl E. Rubin

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Page 5 of 5

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RECORDED: 07/14/2009