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RECORDATION FORM COVER SHEET PATENTS ONLY

Patent and Trademark Office Atty Ref/Docket No.: 321956.01 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): Name: Microsoft Corporation Pulin Thakkar, Noor-E-Gagan Singh, Stuti Jain, Ix, Street Address: One Microsoft Way Ouinn Hawkins, Kapil Sharma and Avronil Bhattacharjee Zip: 98052 City: Redmond State: WA Additional name(s) of conveying party(ies) attached? Additional name(s) & address(es) attached? []Yes [X]No []Yes [X]No 3. Nature of conveyance: [] Merger [X] Assignment [] Security Agreement [] Change of Name [] Other Execution Date: <u>December 28, 2007, December 19,</u> 2007, December 19, 2007, January 5, 2008, January 7, 2008, January 7, 2008 and December 19, 2007, respectively. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Serial No. 12/013,471, filed January 14, 2008 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: Total fee (37 CFR 3.41):\$ 40.00 Name: Microsoft Corporation Address: Customer Number 69316 []Enclosed Microsoft Corporation [X] Authorized to be charged to deposit account One Microsoft Way Redmond, WA 98052 Please charge any additional fees or credit any over payments to our Deposit Account No.: 50-0463 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. M. David Ream/Reg. No. 35,333

Name of Person Signing

Signature

Total number of pages including cover sheet: 12

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O.Box 1450 Alexandria, VA 22313-1450

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PATENT ASSIGNMENT

I/WE, Pulin Thakkar ("ASSIGNOR"), Noor-E-Gagan Singh ("ASSIGNOR"), Stuti Jain ("ASSIGNOR"), IX ("ASSIGNOR"), Quinn Hawkins ("ASSIGNOR"), Kapil Sharma ("ASSIGNOR"), and Avronil Bhattacharjee ("ASSIGNOR") have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TECHNIQUES TO AUTOMATICALLY MANAGE OVERLAPPING OBJECTS" ("APPLICATION"), which:

\mathbf{X}	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
	authorizes and requests, ASSIGNEE'S legal representatives, of the Law and
	Corporate Affairs Department, Microsoft Corporation, One Microsoft Way,
	Redmond, Washington 98052, who are associated with customer number
	69316, to Insert here in parenthesis (Application No. 12/013.471, filed
	1/14/2008 this APPLICATION's Application No. and filing date, when
	known;
	was filed on and was given Application No
	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).

Date

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Date	Noor-E-Gagan Singh
Date	Stuti Jain
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Date	Quinn Hawkins
Date	Kapil Sharma
Nate	Avronii Bhattacharjee

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	will be great a rate of the control

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Date	ıx
Date	Quinn Hawkins
Date 12/19/2007 Date	Kapil Sharma Avronil Bhattacharjee

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Date	Quinn Hawkins
Date	Kapil Sharma
	Avronil Bhattacharjee

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Date	Pulin Thakkar	

	MS Docket No. 321956-0
	Noor-E-Gagan Singh
Date	Stuti Jain
Date Date Date	Quinh Hawkins
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 Date	Avronil Bhattacharjee

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