

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Allan Folting	09/22/2011
Stephen Van de Walker Handy	09/28/2011
Diego M. Oppenheimer	09/22/2011
Anatoly V. Grabar	09/22/2011
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	Redmond
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13252450
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<b>ATTORNEY DOCKET NUMBER:</b>	14917.1924US01
<b>NAME OF SUBMITTER:</b>	Robert A. Kalinsky

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Total Attachments: 4

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PATENT ASSIGNMENT

WE, Allan Folting, Stephen Van de Walker Handy, Diego M. Oppenheimer, and Anatoly V. Grabar ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Automatic Relationship Detection for Reporting on Spreadsheets" ("APPLICATION"), which:


- 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 27488, to insert here in parenthesis (Application No. 13/252,450, filed October 4, 2011) 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);

PATENT ASSIGNMENT

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).

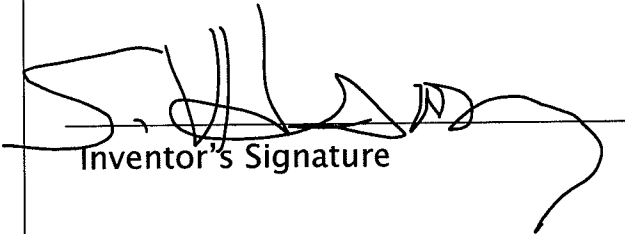
 _____ Inventor's Signature	<u>9/22/2011</u> _____ Date
<u>Allan Folting</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>Stephen Van de Walker Handy</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

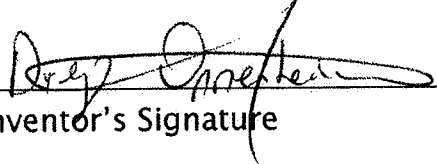
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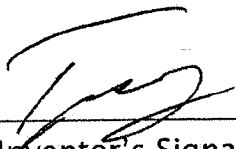
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

_____ Inventor's Signature	_____ Date
<u>Allan Folting</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>9/28/2011</u> Date
<u>Stephen Van de Walker Handy</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

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 _____ Inventor's Signature	<u>9/22/11</u> _____ Date
<u>Diego M. Oppenheimer</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>9/22/2011</u> _____ Date
<u>Anatoly V. Grabar</u> _____ Printed Name in English	<u>Анатолий Грабарь</u> _____ Printed Name in Native Language (if other than English)