PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Luis Efrain Regalado de Loera	10/20/2011
Isaias Formacio-Serna	10/20/2011
Ken Drake	10/20/2011

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:	13282434

CORRESPONDENCE DATA

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US Mail.

Correspondent Name: MICROSOFT CORPORATION
Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	333929.01
NAME OF SUBMITTER:	Thomas E. Watson

Total Attachments: 2

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PATENT REEL: 027128 FRAME: 0755

PATENT ASSIGNMENT

I/WE, Luis Efrain Regalado de Loera, Isaias Formacio-Serna, and Ken Drake ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DISPLAY AND INTERACTION WITH MULTIDIMENSIONAL DATA" ("APPLICATION"), which:

	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
	hereby authorizes, and requests, ASSIGNEE'S legal representatives, or
	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
	, filed) this APPLICATION's Application No. and
	filing date, when known;
	was filed on;
V	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.: 333929.01

PATENT ASSIGNMENT

MS Docket No.: 333929.01

	10/20/201
Inventor's Signature	Date
Luis Efrain Regalado de Loera	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Inventor's Signature	10/20/で多り Date
Isaias Formacio–Serna	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature Date

Ken DrakePrinted Name in EnglishPrinted Name in Native Language (if other than English)