

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the conveying parties to include the fourth named inventor, Chun YU, as a conveying party to the assignment previously recorded on Reel 014561 Frame 0409. Assignor(s) hereby confirms the Gueorgui Bonov CHKODROV, Richard Zachary JASON, Eric Anthony REEL, and Chun YU.

CONVEYING PARTY DATA

Name	Execution Date
Gueorgui Bonov Chkodrov	09/25/2003
Richard Zachary Jason	09/25/2003
Eric Anthony Reel	09/25/2003
Chun Yu	09/25/2003

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:	10670561

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Gary D Fedorochko
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CH \$40.00 10670561

Total Attachments: 2

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Filing Date Executed Concurrently Herewith
Inventorship Gueorgui CHKODROV et al.
Applicant Microsoft Corp.
Attorney's Docket No. 003797.00624
MS Docket No. MS302036.1
Title: SELF-MAINTAINING REAL-TIME DATA AGGREGATION

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Gueorgui Bonov CHKODROV
14802 NE 68th Street
Redmond, WA 98052

Richard Zachary JASON
7729 Sunnyside Avenue N.
Seattle, WA 98103

Eric Anthony REEL
5204 Keystone Place N.
Seattle, WA 98103

Chun YU
20201 29th Avenue SE
Bothell, WA 98012

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "SELF-MAINTAINING REAL-TIME DATA AGGREGATION," as described and claimed in the specification forming part of an application for United States letters patent referenced above and executed herewith;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is

desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

9/25/03
Date

Shkodrov
Gueorgui Bonov CHKODROV

9/25/03
Date

Richard Zachary Jason
Richard Zachary JASON

9/25/03
Date

Eric Anthony Reel
Eric Anthony REEL

9/25/03
Date

Chun YU
Chun YU