

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3688253

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALEXANDER KIRSHENBAUM	01/21/2005
CENK ERGAN	01/21/2005
MICHAEL R. FORTIN	01/21/2005
ROBERT L. REINAUER	01/21/2005
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14530661
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ATTORNEY DOCKET NUMBER:	309451.16
NAME OF SUBMITTER:	LORI BISHOP
SIGNATURE:	/Lori Bishop/
DATE SIGNED:	01/08/2016
Total Attachments: 2	
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MS Docket No. 309451.01
(OC Docket No. 229838)

PATENT ASSIGNMENT

I/WE, Alexander Kirshenbaum, Cenk Ergan, Michael R. Fortin and Robert L. Rehnauer ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USING EXTERNAL MEMORY DEVICES TO IMPROVE SYSTEM PERFORMANCE" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Leydig, Volt & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson Avenue, Chicago, Illinois 60601-6780, who are associated with customer number 38887, to insert here in parenthesis (U.S. Serial No. 10/970,772, filed October 21, 2004) this APPLICATION's U.S. Serial Number and filing date, when known;
- was filed on and was given U.S. Serial 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"));

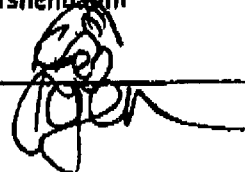
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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).

1/21/05
DATE

1/21/05
DATE


Alexander Kirshenbaum
Alexander Kirshenbaum



Cenk Ergan

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1-21-05
DATE

1/21/05
DATE


Michael R. Fortin


Robert L. Reinauer