

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ara Bernardi	01/17/2008
NK Srinivas	01/17/2008
Ashwin Palekar	01/17/2008
RECEIVING PARTY DATA	
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Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	99201
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12016901
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NAME OF SUBMITTER:	Lynne H. Mahan
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**PATENT**  
**REEL: 020389 FRAME: 0414**

MS Docket No. 321837.01  
(OC Docket No. MS1-3660US)

PATENT ASSIGNMENT

WE, Ara Bernardi, NK Srinivas, and Ashwin Palekar, ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FAIR AND DYNAMIC DISK INPUT/OUTPUT BANDWIDTH DISTRIBUTION" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC, 421 W. Riverside Avenue, Suite 500, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (U.S. Serial No. 12/016,901, filed JANUARY 18, 2008) 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS 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).

1/17/2008  
DATE

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DATE

Ara Bernardi  
Ara Bernardi

NK Srinivas  
NK Srinivas

Ashwin Palekar  
Ashwin Palekar