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Name Address  Mark if Additional Names of Receiving Parties Attached  Correspondent Name and Address  Mark Joy Leydig, Voit & Mayer, Ltd. Telephone: (312) 616-5600 Facsimile: (312) 616-5700 Attomey Docket No. 216018 Chicago, Illinois 60601-6780  Pages Enter the total number of pages of the attached conveyance document including any attachments: Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (CO NOT ENTER BOTH numbers for the same property).  Patent Application Numbers  [0/3091]  If this document is being filed together with a new Patent Application, enter the date the patent Application was signed by the first named executing inventor.  Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.  PCT PCT PCT PCT PCT PCT Number of Properties Enter the total number of properties involve Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$4  Method of Payment:    Enclosed is a check in the amount of Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No  Statement and Signature  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document. Charges to deposit account are authorized, as indicated herein.	State/Country  Ig Parties Attached  Telephone: (312) 616-5600 Facsimile: (312) 616-5700 Attorney Docket No. 216018  Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance document including any attachments: Iges of the attached conveyance documents including any attachments: Iges of the attached conveyance documents including any attachments: Iges of the attached con
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City State/Country Zip Code  Mark if Additional Names of Receiving Parties Attached  Correspondent Name and Address  Mark Joy Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 Chicago, Illinois 60601-6780 Chicago, Illinois 60601-6780  Application Number(s) or Patent Number(s) Enter the total number of pages of the attached conveyance document including any attachments:  Application Number(s) or Patent Number(s) Enter either the Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).  Patent Application Numbers  Patent Numbers  Pate	State/Country  In Parties Attached  Telephone: (312) 616-5600 Facsimile: (312) 616-5700 Attorney Docket No. 216018  In It a new Patent Application, enter the date the patent Month Day Year 12/03/02  In It a new Patent Application PCT PCT PCT  In It is a new Patent Application PCT PCT PCT  In It is a new Patent PCT PCT  In It is a new Patent PCT  In It is a new Patent PCT  In It is a new PCT  In It is a
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Mark Joy Day No. 25 562	
Mark Joy, Reg. No. 35, 562 December 4, 2002	December 4, 2002
Name of Person Signing Signature Date	

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship	NGUYEN et al.
Applicant	
Attorney Docket No.	216018
MS Docket No.	196308.01
THE PRINT MANAGEMENT ARCHITECTURE FOR COMPLETE	

## PATENT ASSIGNMENT

### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

Amanda Giang-Tien Nguyen 4926 166th CT NE Redmond, Washington 98052

Albert Leon Ting 14675 NE 16th Street Bellevue, Washington 98007

Feng Yue
912 243<sup>rd</sup> Place SE
Sammamish, Washington 98075

#### 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 "PRINT MANAGEMENT ARCHITECTURE FOR COMPUTING DEVICES," as described and claimed in the specification forming part of an application for United States letters patent referenced above:

Attorney Docket No. 216018 MS Docket No. 196308.01 Serial No. (if known)

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, ASSIGNCR(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 therefor.

Page 2 of 3

12/03/02

Amanda Giang-Tien Nguyen

12/03/02

Date

Albert Leon Ting

12/3/02

Date

**RECORDED: 05/27/2003**