PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tanya Matskewich	06/17/2005
Mohammed Gabar El-Gammal	06/16/2005
David L. Kilgrow	06/15/2005
Jian Wang	06/16/2005
Jiang Wu	06/16/2005
Liyong Chen	06/16/2005

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:	11158503

CORRESPONDENCE DATA

Fax Number: (801)328-1707

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (801) 533-9800

Email: acroff@wnlaw.com

Correspondent Name: Rick D. Nydegger

Address Line 1: 1000 Eagle Gate Tower - 60 E. So. Temple

Address Line 4: Salt Lake City, UTAH 84124

NAME OF SUBMITTER: Rick D. Nydegger

Total Attachments: 7

PATENT REEL: 016364 FRAME: 0952 **340.00 1115850**

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PATENT ASSIGNMENT

WF. Tanya Matskewich, Mohammed Gabar Fl-Gammal, David L. Kilgrow.

, , a., , a., , a
Jian Wang, Jiang Wu and Liyong Chen ("ASSIGNOR"), have invented subject matter
("INVENTION") disclosed and/or claimed in a patent application entitled "USE OF AN
INPUT BLACK AND WHITE BITMAP TO GENERATE EMBOLDENED ANTI-ALIASING BITMAP"
("APPLICATION"), which:
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and requests, ASSIGNEE'S legal representatives, of
Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple,
Salt Lake City, UT 84111, who are associated with customer number
47973, to insert here in parenthesis (U.S. Serial No. 11/158,503,
filed June 22, 2005) 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).

P.03/21

MS Docket No. 311944.01 (OC Docket No. 14984.42.1)

06/17/05

DATE

Tanya Matskewich

Page 2 of 7

P.04/15

MS Docket No. 311944.01 (OC Docket No. 14984.42.1)

6/16/05

DATE

Mohammed Gabar El-Gammal

Page 3 of 7

DATE

David L. Kilgrow

W5.6.16

DATE

Jian Wang

Page 5 of 7

6/16/2005

DATE

Jiang Wu

Page 6 of 7

Jun. 16. 2005

DATE

Liyong Chen

Page 7 of 7

PATENT REEL: 016364 FRAME: 0960

RECORDED: 08/08/2005