505506160 06/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5552964

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIN LIU	03/26/2003
PO YUAN	03/26/2003
RICHARD S. TURNER JR.	03/26/2003

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	7359572
Patent Number:	7646931

CORRESPONDENCE DATA

Fax Number: (425)936-7329

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: biz@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	303424-US-NP&DIV
NAME OF SUBMITTER:	BIANCA ZHANG
SIGNATURE:	/Bianca zhang/
DATE SIGNED:	06/03/2019

Total Attachments: 9

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PATENT 505506160 REEL: 049354 FRAME: 0459

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BCF:lcm 03/26/03 3382-65438

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	Not yet assigned
	for the state of t
Inventorship	Liu et al.
Inventorship	
MS Docket No.	3382-65458
C. Pri Pri Prime T. Afric 14 jeverskebieskobeoskobeoskibe kobedskebieskobe biskebieskobe pri	303424.1
Title: AUTOMATIC ANALYSIS AND ADJUSTMEN	VI OF DIGITAL IMAGES WITH
EXPOSURE PROBLEMS	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Min Liu 2128 179th Ct., NE Redmond, WA 98052 United States of America

Po Yuan 2627 NE 25th Street Renton, WA 98056 United States of America

Richard S. Tumer, Jr. 15072 225th Avenue, NE Woodinville, WA 98072 United States of America

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 "AUTOMATIC ANALYSIS AND ADJUSTMENT OF DIGITAL IMAGES WITH EXPOSURE PROBLEMS," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

Page 1 of 3

BCF:icm 03/26/03 3382-65458

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 therefor 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 therefor.

Page 2 of 3

BCF-lcm 03/26/03 3382-654%

March 26, 200 3

Date

Min Liu

Date

Po Yuan

Date

Richard S. Turner, Jr.

BCF-icm 03/26/03 3382-6545



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	Not yet assigned
Scrial Number	Executed concurrently herewith
Scrial Number	Liu et al.
Applicant Attorney's Docket No.	303424.1
3 (C Y) - 1-1-1 No	
Title: AUTOMATIC ANALYSIS AND ADJUSTM	EMI OF DIGITAL INVOES ATTI
EXPOSURE PROBLEMS	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Min Liu 2128 179th Ct., NE Redmond, WA 98052 United States of America

Po Yuan 2627 NE 25th Street Renton, WA 98056 United States of America

Richard S. Turner, Jr. 15072 225th Avenue, NE Woodinville, WA 98072 United States of America

Assignee:

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Page 1 of 3

BCF:lcm 03/26/03 3382-6545%



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BCF lcm 03/26/03 3382-65-58

Date

Min Liu

3/26/03

Date

Po Yuan

Date

Richard S. Turner, Jr.

REEL: 049354 FRAME: 0466

BCF lem 03/26/03 3382-65458



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	Not yet assigned
Serial Number	Executed concurrently herewith
Filing Date	Lin et al.
Inventorship	
Applicant	3382-65458
A I. The least bloom	
MS Docket No.	
Title: AUTOMATIC ANALYSIS AND ADJUST	MENT OF DIGITAL IMAGES WITH
EXPOSURE PROBLEMS	

PATENT ASSIGNMENT

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Assignee;

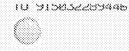
Microsoft Corporation Corporation in the State of Washington One Microsoft Way Redmond, WA 98052

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Page 1 of 3

BCF-lcm 03/26/03 3382-65458



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BCF cm 03/26/03 3382-65458

Date

Min Liu

Date

Po Yuan

3/6

Date

Richard S. Tumer, Jr

REEL: 049354 FRAME: 0469