

PATENT RECORDATION FORM COVER SHEET

Attorney Docket No.
M61.12-0585

To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

- (1) Zicheng Liu
- (2) Michael J. Sinclair
- (3) Alejandro Acero
- (4) Xuedong D. Huang
- (5) James G. Droppo
- (6) Li Deng
- (7) Zhengyou Zhang
- (8) Yanli Zheng

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Internal Address: _____

Street Address: One Microsoft Way

City Redmond State WA ZIP 98052

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement
- ☐ Change of Name ☐ Other _____

Execution Date: 1/5/04; 1/21/04; 1/8/04; 1/9/04; 1/5/04; 1/5/04; 1/5/04; 12/18/03

4A. Application No.(s)

10/724,008

If this document is being filed together with a new application, the execution date(s) of the application is: ---

Additional numbers attached? ☐ Yes ☒ No

4B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Theodore M. Magee
Street Address: Westman, Champlin & Kelly, P.A.
Suite 1500
International Centre
900 Second Avenue South
City: Minneapolis State: MN ZIP 55402

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41):\$ 40.00

8. Method of Payment

- ☒ Enclosed
- ☒ The Director is authorized to charge payment of any additional recording fees or credit any overpayment to deposit account No. 23-1123.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Theodore M. Magee

Name of Person Signing

Signature

Date

3-9-04

Total number of PATENT

700096206

REEL: 014814 FRAME: 0234

CH \$40.00 231123 10724008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date November 26, 2003
Serial Number 10/724,008
Inventorship Liu et al.
Applicant Microsoft Corporation
Attorney's Docket No. M61.12-0585
US Docket No. 306537.01
Title: METHOD AND APPARATUS FOR MULTI-SENSORY SPEECH ENHANCEMENT

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Zicheng Liu
14743 SE 63rd St
Bellevue, WA 98006

Michael J. Sinclair
4324 Lake Washington Blvd., NE #5314
Kirkland, WA 98033

Alejandro Acero
6525 163rd Place SE
Bellevue, WA 98006

Xuedong D. Huang
6179 155th Ave. SE,
Bellevue, WA, 98006

James G. Droppo
13820 282nd Court N.E.
Duvall, WA 98019

Li Deng
22310 NE 30th St.
Sammamish, WA 98074

Zhengyou Zhang
10090 177th Ave NE
Redmond, WA 98052

Yanli Zheng
2082 S. Orchard St., Apt. B
Urbana, IL 61801

orney Docket No. M61.12-0585

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 "METHOD AND APPARATUS FOR MULTI-SENSORY SPEECH ENHANCEMENT," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, 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

PATENT

now Docket No. M6112-0585

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 therefore.

1/5/2004
Date

Zicheng Liu
Zicheng Liu

Date

Michael J. Sinclair
Michael J. Sinclair

1/8/2004
Date

Alejandro Acero
Alejandro Acero

1/9/2004
Date

Xuedong D. Huang
Xuedong D. Huang

1/5/2004
Date

James G. Droppo
James G. Droppo

1/5/2004
Date

Li Deng
Li Deng

1/5/2004
Date

Zhengyou Zhang
Zhengyou Zhang

Attorney Docket No. M61.12-0585

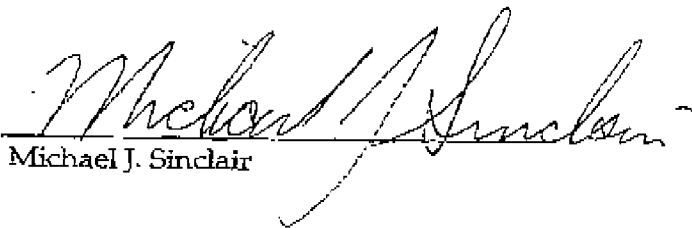
US Patent No. 7,065,777 B2

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 therefore.

Date

Zicheng Liu

1-21-04
Date



Michael J. Sinclair

Date

Alejandro Acero

Date

Xuedong D. Huang

Date

James G. Droppo

Date

Li Deng

Date

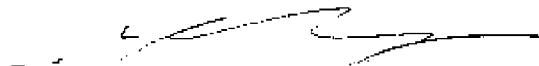
Zhengyou Zhang

Attorney Docket No. M61.12-0585

MS Docket No. 200507.01

12-18-03

Date


Yanli Zheng