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Docket No. 1018.092US1

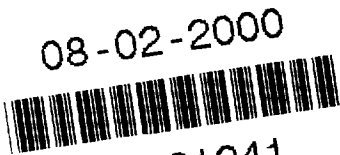
Form PTO -1595 (Modified)

(Rev. 6-93)

OMB 0651-0011 (exp. 4/94)

08-02-2000 1018.092US1

RE



101421241
COVER SHEET
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

TO: The Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

Joshua Goodman

Jianfeng Gao

2. Nature of Conveyance:

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

Execution Date: 6/21/2000

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

Name: Microsoft Corporation

Address: One Microsoft Way

City: Redmond

State: WA

Country: USA

ZIP: 98052

4. Application number(s) or registration number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.

Patent No.(s)

09/565,608

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

Name: Michael Dryja

Registration No.: 39,662

Address: Law Offices of Michael Dryja

704 228th Ave NE PMB 694

City: Redmond

State: WA

Country: USA

ZIP: 98053

Telephone: 425-427-5094



23441

PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved: 1

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

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

500463

08/02/2000 DNGUYEN 00000118 500463 09565608

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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.

Michael Dryja

Name of Person Signing

Signature

Date

6-30-00

PATENT
REEL: 010954 FRAME: 0761

ASSIGNMENT

WHEREAS, we, Joshua Goodman and Jianfeng Gao (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled Cluster and Pruning-Based Language Model Compression as described and claimed in the specification forming part of an application for United States letters patent filed on 5/4/2000, and assigned Serial No. 09/565,608;

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, ASSIGNORS hereby sell, assign and transfer unto said 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 ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS 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.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

Joshua Goodman
Inventor's Signature

6/21/10
DATE

Joshua Goodman
Inventor's Printed Name

STATE OF _____)
) SS
COUNTY OF _____)

On this 9th day of June, 2000, before me personally came the above named Joshua Goodman who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Melissa Mael
NOTARY PUBLIC
My Commission Expires: 10-9-01

Page 1 of 2
(Please see
additional signature
on reverse side)

PATENT
REEL: 010954 FRAME: 0762

Jianfeng Gao
Inventor's Signature

JUN. 14, 2000
DATE

Jianfeng Gao
Inventor's Printed Name

On this _____ day of _____, _____, before me personally came the above named Jianfeng Gao who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

MING ZHOU
WITNESS NAME

M. Zhou
WITNESS SIGNATURE