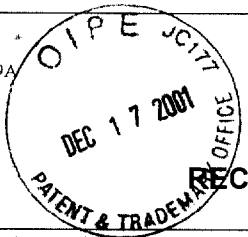


FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



12-21-2001



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

12-17-01

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

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID #
☐ Correction of PTO Error
Reel # Frame #
☐ Corrective Document
Reel # Frame #

Conveyance Type

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

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Robert Brunner

Execution Date
Month Day Year
08 23 2001

Name (line 2)

Second Party

Name (line 1) Barbara Saucedo

Execution Date
Month Day Year
11 09 2001

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Microsoft Corporation

Name (line 2)

Address (line 1) One Microsoft Way

Address (line 2)

Address (line 3) Redmond

WA

98052

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT
REEL: 012378 FRAME: 0368

Correspondent Name and Address

Area Code and Telephone Number

(202) 508-9100

Name Pamela I. Banner

Address (line 1) BANNER & WITCOFF, LTD.

Address (line 2) 1001 G Street N.W.

Address (line 3) Eleventh Floor

Address (line 4) Washington, D. C. 20001-4597

Pages

Enter the total number of pages of the attached conveyance document including any attachments

10

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

29/142,584

Patent Number(s)

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.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

19-0733

Authorization to charge additional fees:

Yes ☒

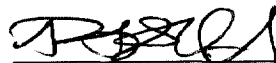
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Statement and Signature

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. Charges to deposit account are authorized, as indicated herein.

Robert S. Katz, Reg.No. 36,402

Name of Person Signing



Signature

12/17/01

Date

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PATENTS ONLY

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Patent and Trademark Office
PATENT

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) James Toleman

Execution Date
Month Day Year
11 23 2001

Name (line 2)

Name (line 1) Steven M. Horowitz

Execution Date
Month Day Year
09 06 2001

Name (line 2)

Name (line 1) Son Jae Park

Execution Date
Month Day Year
11 09 2001

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Patent Application Number(s)

Patent Number(s)

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Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

| | | Execution Date | | |
|---------------|--------------------|----------------|-----|------|
| | | Month | Day | Year |
| Name (line 1) | Leslie E. Leland | 11 | 12 | 2001 |
| Name (line 2) | | | | |
| | | Execution Date | | |
| | | Month | Day | Year |
| Name (line 1) | Michael F. Gifford | 11 | 15 | 2001 |
| Name (line 2) | | | | |
| | | Execution Date | | |
| | | Month | Day | Year |
| Name (line 1) | Jeffrey D. Yaksick | 11 | 09 | 2001 |
| Name (line 2) | | | | |

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

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|------------------|---------------|---|
| Name (line 1) | | <input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) |
| Name (line 2) | | |
| Address (line 1) | | |
| Address (line 2) | | <input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) |
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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

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Patent Number(s)

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PATENT

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Wallace L. Henry, Jr.

Execution Date
Month Day Year
11 13 2001

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

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Patent Application Number(s)

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ASSIGNMENT

WHEREAS, we, Robert Brunner, Barbara Saucedo, James Toleman, Steven M. Horowitz, Son Jae Park, Leslie E. Leland, Michael F. Gifford, Jeffrey D. Yaksick, and Wallace L. Henry, Jr. (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled "KEY CONFIGURATION FOR A CONTROLLER," as described and claimed in the specification forming part of an application for United States letters patent as filed in the U. S. Patent and Trademark Office on May 31, 2001, and accorded U. S. Application Number 29/142,584;

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, 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 therefor.

Date 8/23/01 Inventor: 
Robert Brunner

Date _____ Inventor: _____
Barbara Saucedo

ASSIGNMENT

WHEREAS, we, Robert Brunner, Barbara Saucedo, James Toleman, Steven M. Horowitz, Son Jae Park, Leslie E. Leland, Michael F. Gifford, Jeffrey D. Yaksick, and Wallace L. Henry, Jr. (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled "**KEY CONFIGURATION FOR A CONTROLLER**," as described and claimed in the specification forming part of an application for United States letters patent as filed in the U. S. Patent and Trademark Office on May 31, 2001, and accorded U. S. Application Number 29/142,584;

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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 therefor.

Date _____ Inventor: _____
Robert Brunner

Date 11.09.01 Inventor: 
Barbara Saucedo

Date 11.23.01 Inventor: 
James Toleman

Date _____ Inventor: _____
Steven M. Horowitz

Date _____ Inventor: _____
Son Jae Park

Date _____ Inventor: _____
Leslie E. Leland

Date _____ Inventor: _____
Michael F. Gifford

Date _____ Inventor: _____
Jeffrey D. Yaksick

Date _____ Inventor: _____
Wallace L. Henry, Jr.

Date _____ Inventor: _____
James Toleman

Date 9/6/2001 Inventor: Stm. Hg
Steven M. Horowitz

Date _____ Inventor: _____
Son Jae Park

Date _____ Inventor: _____
Leslie E. Leland

Date _____ Inventor: _____
Michael F. Gifford

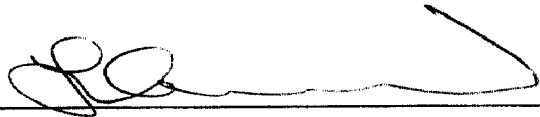
Date _____ Inventor: _____
Jeffrey D. Yaksick

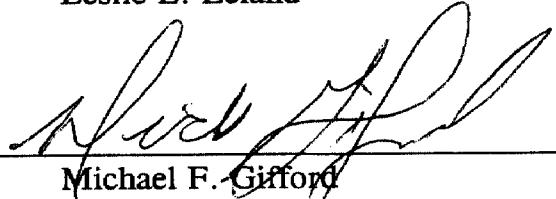
Date _____ Inventor: _____
Wallace L. Henry, Jr.


Date _____ Inventor: _____
James Toleman

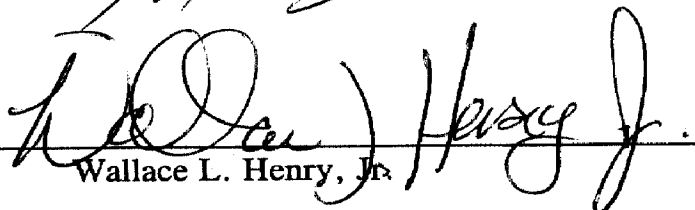
Date _____ Inventor: _____
Steven M. Horowitz

Date 11/9/01 Inventor: 
Son Jae Park

Date 11/12/01 Inventor: 
Leslie E. Leland

Date 11/15/01 Inventor: 
Michael F. Gifford

Date 11-9-01 Inventor: 
Jeffrey D. Yaksiek

Date 11-13-01 Inventor: 
Wallace L. Henry, Jr.