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102312462

TO: The Commissioner of Patent

Submission Type

- Submission Type options: New, Resubmission (Non-Recordation), Correction of PTO Error, Corrective Document. Includes fields for Document ID, Reel #, and Frame #.

Conveyance Type

- Conveyance Type options: Assignment, License, Merger, Security Agreement, Change of Name, Other.

Conveying Party(ies)

- Conveying Parties: 1. Paramvir Bahl, 2. Atul Adya, 3. Jitendra D. Padhye.

Execution Date(s)

- Execution Dates: August 19, 2002 (repeated for each party).

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Receiving Party details: Name (Microsoft Corporation), Address (One Microsoft Way, Redmond, Washington), City, State/Country, Zip Code (98052).

Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

Correspondent details: Phillip M. Pippenger, Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, Chicago, Illinois 60601-6780.

Telephone: (312) 616-5600, Facsimile: (312) 616-5700, Attorney Docket No. 215604.

Pages: Enter the total number of pages of the attached conveyance document including any attachments: 3

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).

Table with 2 columns: Patent Application Numbers, Patent Numbers. Row 1: 10/124,721

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 has not been assigned.

Table with 3 columns for PCT application numbers.

Number of Properties Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment:

- Method of Payment options: Enclosed is a check in the amount of, Charge Deposit Account No. 12-1216. Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes/No.

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.

Signature block table with columns: Name of Person Signing (Phillip M. Pippenger, Reg. No. 46,055), Signature, Date (December 6, 2002).

08-29-2002

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TO: The Commissioner of Patents and Trademarks

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Original document(s) or copy(ies)

Submission Type OFFICE OF PUBLIC RECORDS

Conveyance Type

- New
- Resubmission (Non-Recapitulation)
- Document ID # 2002 AUG 27 AM 10: 27
- Correction of PTO Error
- Reel # FINANCE SECTION
- Corrective Document
- Reel # Frame # 08-27-02

- Assignment
- License
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- Other:

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AUG 27 AM 10: 27
FINANCE SECTION

Conveying Party(ies)

Execution Date(s)

- 1. Paramvir Bahi
- 2. Atul Adya
- 3. Jitendra D. Padhye
- 4.
- 5.
- 6.

- August 19, 2002
- August 19, 2002
- August 19, 2002

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Microsoft Corporation

Name

Address One Microsoft Way

Address

Address Redmond

Washington

98052

City

State/Country

Zip Code

Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

Phillip M. Pippenger
Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
Chicago, Illinois 60601-6780

Telephone: (312) 616-5600
Facsimile: (312) 616-5700
Attorney Docket No. 215604

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PCT

PCT

PCT

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Charge Deposit Account No. 12-1216

Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No

Statement and Signature

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Phillip M. Pippenger, Reg. No. 46,055

August 21, 2002

Name of Person Signing

Signature

Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number..... 10/124,721
Filing Date April 17, 2002
Inventorship B AHL et al.
Applicant Microsoft Corporation
Attorney's Docket No. 215604
Title: POWER EFFICIENT CHANNEL SCHEDULING IN A WIRELESS NETWORK

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Paramvir Bahl
2221 271st Court SE
Sammamish, Washington 98075

Atul Adya
14590 NE 35th Street, Apt #204
Bellevue, Washington 98007

Jitendra D. Padhye
520 Second Ave
Kirkland, Washington 98033

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 "POWER EFFICIENT CHANNEL SCHEDULING IN A WIRELESS NETWORK," 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 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.

8/19/02
Date

Paramvir Bahl
Paramvir Bahl

8/19/2002
Date

Atul Adya
Atul Adya

8/19/2002
Date

Jitendra D. Padhye
Jitendra D. Padhye