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RECORDATIMAIL STOP PATENT APPLICATION
DIRECTOR OF PATENTS AND TRADEMARKS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**TENTS ONLY****1. Total number of pages including cover sheet, attachments and document: 3****2. Name of Conveying Party(ies) and Execution Date(s) of Document(s)** ☐ Check here if additional name(s) attached

Name(s): Naveen Thumpudi and Wei-Ge Chen

Execution Date(s): July 18, 2003

3. Name and address of receiving party ☐ Check here if additional name(s) & address(es) are attached

Name Microsoft Corporation

Address One Microsoft Way

City Redmond

State/Country Washington

Zip 98052

4. Nature of Conveyance☒ Assignment☐ Merger☐ Security Agreement☐ Name Change☐ Other: 10623338**5. Total number of applications and patents involved: 1****6. Total Fee Enclosed (37 C.F.R. § 3.41): \$40.00****7. ☒ Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550****8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent.**A. ☒ This document is being filed with a new application. Execution date is: July 18, 2003B. ☐ Patent Application No.(s) or Patent No.(s):☐ Check here if additional numbers are attached**9. Correspondent's name, address, and telephone number**

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10. ☒ Please return the attached postcard to confirm that these items have been received.**11. 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.*

Kyle B. Rinehart

Name of Person Signing

Signature

July 18, 2003

Date

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cc: Docketing

PATENT
REEL: 014297 FRAME: 0100

KBR:iar 07/18/03 3382-66123

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....(not yet assigned)
Filing Date..... (executed concurrently herewith)
Inventorship.....Thumpudi et al.
Applicant..... Microsoft Corporation
Attorney's Docket No.3382-66123
MS Docket No. 300284.01
Title: MULTI-PASS VARIABLE BITRATE MEDIA ENCODING

PATENT ASSIGNMENT**PARTIES TO THE ASSIGNMENT****Assignor(s):**

Naveen Thumpudi
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Sammamish, WA 98074

Wei-Ge Chen
24635 SE 37th Street
Issaquah, WA 98029

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNORS (listed above) are inventors of an invention entitled "MULTI-PASS VARIABLE BITRATE MEDIA ENCODING," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

KBR:lar 07/18/03 3382-66123

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 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.

7/18/2003

Date

Naveen
Naveen Thumpudi7/18/2003

Date

Wei-Gu Chen
Wei-Gu Chen