

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship..... Koishida et al.
Applicant.....Microsoft Corporation
Attorney's Docket No.208996
Title: METHOD FOR CODING SPEECH AND MUSIC SIGNALS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Kazuhito Koishida
7507 146th Avenue NE
Redmond, Washington 98052

Vladimir Cuperman
5635 Cielo Avenue
Goleta, California 93117

Amir H. Majidimehr
14824 164 Place NE
Woodinville, Washington 98072

Allen Gersho
4604 Via Gennita
Santa Barbara, California 93111

Assignee:

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

AGREEMENT

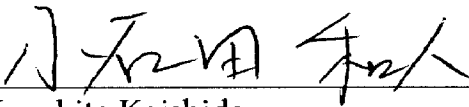
WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "METHOD FOR CODING SPEECH AND MUSIC SIGNALS," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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.

October 1st, 2001

Date



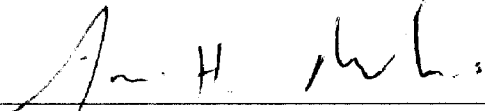
Kazuhito Koishida

Date

Vladimir Cuperman

10-1-01

Date

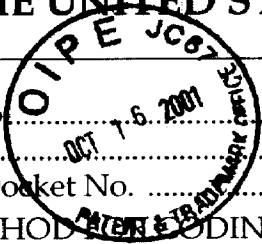


Amir H. Majidimehr

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Allen Gersho

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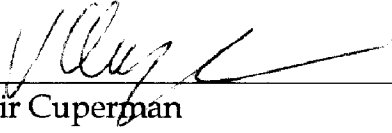
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Date

Kazuhito Koishida

10/08/01

Date


Vladimir Cuperman

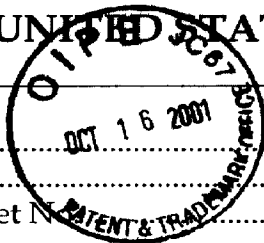
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NOW THEREFORE in exchange for good and valuable consideration the receipt of

[REDACTED]

5 Name and address of party to whom correspondence concerning documents should

[REDACTED]

[REDACTED]

Date

Kazuhito Koishida

Date

Vladimir Cuperman

Date

Amir H. Majidimehr

Date

Oct 3, 2001


Allen Gersho