



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number..... 10/696,908  
Filing Date..... October 30, 2003  
Inventorship..... Amer Hassan et al  
Applicant..... Microsoft Corporation  
Attorney Docket No. .... 224877  
MS Docket No. .... 306835.01  
Title: SPECTRUM SHARING IN THE UNLICENSED BAND

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

**Assignor(s):**

Amer Hassan  
12623 NE 107<sup>th</sup> Place  
Kirkland, Washington 98033

Paramvir Bahl  
2221 271<sup>st</sup> Court SE  
Sammamish, Washington 98075

Jean Pierre de Vries  
10024 Slater Ave NE  
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 "SPECTRUM SHARING IN THE UNLICENSED BAND," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

Attorney Docket No. 224877  
MS Docket No. 306835.01  
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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.

A.H.

Attorney Docket No. 224877  
MS Docket No. 306835.01  
Serial No. 10/696,908

April 3, 2004  
Date

  
Amer Hassan

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Date

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Paramvir Bahl

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jean Pierre de Vries

A.H

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4/21/04

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Date

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Amer Hassan

*Paramvir Bahl*

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Paramvir Bahl

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Jean Pierre de Vries

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Amer Hassan

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Paramvir Bahl

*2 April 2004*  
\_\_\_\_\_  
Date

  
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Jean Pierre de Vries