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Correspondent Name and Address

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1

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

08/768,105

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.

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Patent Cooperation Treaty (PCT)

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Fee Amount

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

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Michael J. Setter

Name of Person Signing

Signature

Date

ASSIGNMENT

WHEREAS, I, Jim Gray, (hereinafter referred to as ASSIGNOR), having a post office address of 301 Filburt Street, San Francisco, California 94133, am a joint inventor of an invention entitled "EFFICIENT MULTIDIMENSIONAL DATA AGGREGATION OPERATOR IMPLEMENTATION" as described and claimed in U.S. Patent Application Serial No. 08/768,105, filed December 16, 1996;

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 hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNOR agrees 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.

9/15/98
Date



Jim Gray