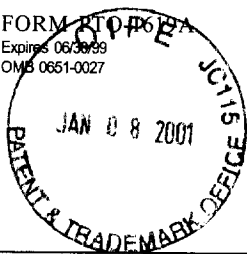


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Name Richard T. Lyon

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Address (line 2) 300 Esplanade Drive

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Address (line 4) Oxnard, CA 93030

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Katrina A. Lyon

Name of Person Signing


Signature

1/3/01
Date

ASSIGNMENT

WHEREAS, we,

Hong-Jiang Zhang
#701 Capital Paradise
Shun Yi District
Beijing, P. R. China 101300

Ma Yong
Bldg. 29, Room 514
Tsinghua University
Beijing, P.R. China 100084

(hereinafter referred to as ASSIGNORS) are the joint inventors of an invention entitled "POSE-ADAPTIVE FACE DETECTION SYSTEM AND PROCESS," as described and claimed in the specification forming part of an application for United States letters patent as filed on May 26, 2000, and assigned Serial No. 09/580,395;

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 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 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


1 of 2

2 of 2

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.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

1) FIRST ASSIGNOR


Hong-Jiang Zhang

Dated: Dec. 20, 2000

On this 20 day of December, 2000, before me personally came the above named Hong-Jiang Zhang who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged that he/she executed the same of his/her own free will on the day and year aforesaid for the purposes set forth therein.

Chen Lei
Witness Name

Chen
Witness Signature

2) SECOND ASSIGNOR

Ma Yong
Ma Yong

Dated: Dec. 15, 2000

On this 15th day of December, 2000, before me personally came the above named Ma Yong who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged that he/she executed the same of his/her own free will on the day and year aforesaid for the purposes set forth therein.

Chen Lei
Witness Name

Chen
Witness Signature