

03-14-2002



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102014906

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Michael J. Sinclair

2. Name and address of receiving party(ies):

Additional name(s) of conveying party(ies) attached yes no

Name: Microsoft Corporation

3. Nature of Conveyance:
 Assignment Merger **03/01/02**
 Security Agreement Change of Name
 Other (describe):
Execution Date: February 28, 2002

Business Address:
One Microsoft Way
Redmond, Washington 98052

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: February 28, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Mark M. Meininger
Ipsolon LLP
805 SW Broadway #2740
Portland, Oregon 97205

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed
 Any deficiencies are authorized to be charged to deposit account.

8. Deposit account number: 50-0241
(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Name: Mark M. Meininger
Registration No. 32,428

Date: March 1, 2002

Total number of pages including cover sheet: 3

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PATENT
REEL: 012657 FRAME: 0326

10/086397
03/01/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship..... Starkweather
Applicant..... Microsoft Corporation
Attorney's Docket No.1026-050MM
MS Docket No.167407.1
Title: **Reflective Microelectrical Mechanical Structure (MEMS) Optical Modulator
and Optical Display System**

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Gary K. Starkweather
17810 S.E. 57th Place
Bellevue, Washington 98006

Michael J. Sinclair
4331 Lake Washington Blvd NE, #7309
Kirkland, WA 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
"Reflective Microelectrical Mechanical Structure (MEMS) Optical Modulator and Optical
Display System," as described and claimed in the specification forming part of an application
for United States letters patent referenced above;

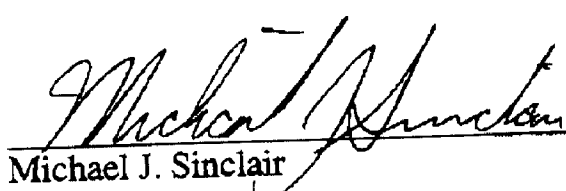
WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation
of the State of Washington having a place of business at One Microsoft Way, Redmond, WA
98052, is desirous of acquiring the entire right, title and interest in and to the invention and in
and to any letters patent that 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.

Date

Gary K. Starkweather

FEB 28, 2002
Date



Michael J. Sinclair