U.S. PATENT

## X ASSIGNMENTS

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PATENT ASSIGNATION FORM COVER SHEET				
12.17.99 Docket No.13797.83724 (MS #142451.1)				
To the Assistant Commissioner of Patents and Trademark, Box Assignments, Washington, D.C. 20231.  Please record the attached original documents or copy thereof.				
Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Gregory G. Jones Carl J. Ledbetter	Name: Microsoft Corporation Street Address: One Microsoft Way			
	City: Redmond State: Washington Zip: 98052			
3. Nature of Conveyance: Assignment				
Execution Date: (1) November 24, 1999; (2) November 19, 1999	Additional name(s) & address(es) attached? X No			
4. Application number(s) or patent number(s): 29 115 57 8				
If this document is being filed together with a new application, the execution date of the application is: November 19 and 24, 1999				
A. Patent Application Serial No.:	B. Patent No.(s)			
Additional numbers	attached:Yes X_No			
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved: 1			
Name: Pamela I. Banner				
Internal Address: Banner & Witcoff, Ltd., - 11th Floor	7. Total fees (37 CFR 3.41): <u>\$40.00</u>			
Street Address: 1001 G Street, N.W.	XX Enclosed (Charge or credit any difference to deposit account)			
City: <u>Washington</u> State: <u>D.C.</u> Zip: 20001-4597	Authorized to be charged to deposit account			
	8. Deposit account number: 19-0733			
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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.				
12/27/1999 TTON11 00000133 29213578				
01 FC:581 40.00 DP				
Robert S. Katz. Reg. No. 36,402 Name of Person Signing Signature	12(17 (d) d) Date			

Total number of pages including cover sheet, attachments and document: 3

PATENT REEL: 010453 FRAME: 0599

## ASSIGNMENT

WHEREAS, we, Gregory G. Jones and Carl J. Ledbetter (hereinafter referred to as ASSIGNORS), having post office addresses of 7530 31<sup>st</sup> Avenue NE, Seattle, Washington 98115; and 18524 11<sup>th</sup> Avenue West, Lynnwood, Washington 98037, respectively, are the joint inventors of an invention entitled "TRACK BALL AND GLOW RING FOR A COMPUTER INPUT DEVICE" as described and claimed in the specification forming part of an application for United States letters patent executed herewith:

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, and continuation-in-part 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 Commission of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS 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 letter patent, or for the purpose of protecting title to said invention or letter patent therefor.

said invention of letter pater	t therefor.	
Date 11/24/99	Inventor: Cregoria Ispas	
STATE OF WASHINGTON	Gregorf G. Jones	
COUNTY OF King	) ss )	
aforesaid, personally Gregory G	Jones to me known and known to me to be the persons of those names, who signed	State d and
(SEAL)	nd acknowledged the same to be their free act and deed.	<u>~</u>
TO THE YEAR	Notary Public  My Commission Expires:    -   -   -   -   -	
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PATENT REEL: 010453 FRAME: 0600

Date $u//9/99$ Inventor:	Carl J. Ledbetter
STATE OF WASHINGTON )  COUNTY OF King )  On this 1912 day of 1918 day of 1918 aforesaid, personally Carl J. Ledbetter to me sealed the foregoing instrument, and acknowled	200 1999, before me a Notary Public in and for the County and State known and known to me to be the persons of those names, who signed and liged the same to be their free act and deed.
(SEAL)	Holli S. Templeton  Notary Public  My Commission Expires: 11-1-02

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**RECORDED: 12/17/1999**