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	Name (line 1)	James H. Cauthorn		Month Day Year 04 26 2001	-
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Name	Pamela I. Banner						
Address (line 1)	BANNER & WITCO	FF, LTD.					
Address (line 2)	1001 G Street N.W.						
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Robert S. Katz, Reg.	No. 36.402	AAA		4/30/01			
Name of Perso		Signature		Date			

PATENT REEL: 011771 FRAME: 0841

ASSIGNMENT

WHEREAS, we, Hugh E. McLoone and James H. Cauthorn (hereinafter referred to as ASSIGNORS), having post office addresses of 17124 NE 5th Street, Bellevue, WA 98008; and 1403 N. 47th Street, Seattle, WA 98103, respectively, are the joint inventors of an invention entitled "INPUT DEVICE INCLUDING A WHEEL ASSEMBLY FOR SCROLLING AN IMAGE IN MULITPLE DIRECTIONS," as described and claimed in the specification as filed in the U S. Patent and Trademark Office on even date 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-inpart 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.

Date	4/19/01	Inventor:	Hugh mi forme
			and the second sec

Hugh E. McLoone

STATE OF Washington COUNTY OF King

(SEAL)

On this 493 day of 4900, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared <u>Hugh E. McLoone</u> to me known and known to me to be the persons of those names, who signed and sealed the foregoing instrument, and acknowledged the same to be their free act and deed.

U Z. Templetor

My Commission Expires:

1

PATENT REEL: 011771 FRAME: 0842

4-26-01 Inventor: ames H Date___ Janies H. Cauthorn STATE OF Weshington COUNTY OF King)) ss On this 26^{μ} day of 40^{μ} , 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared <u>James H. Cauthorn</u> to me known and known to me to be the persons of those names, who signed and sealed the foregoing instrument, and acknowledged the same to be their free act and deed.

(SEAL)

Notary Public Templeton

My Commission Expires: