

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert Gruen</td> <td>08/13/2007</td> </tr> <tr> <td>Richard L. Hughes</td> <td>08/13/2007</td> </tr> <tr> <td>Jessica Miller</td> <td>08/14/2007</td> </tr> </tbody> </table>		Name	Execution Date	Robert Gruen	08/13/2007	Richard L. Hughes	08/13/2007	Jessica Miller	08/14/2007
Name	Execution Date								
Robert Gruen	08/13/2007								
Richard L. Hughes	08/13/2007								
Jessica Miller	08/14/2007								
RECEIVING PARTY DATA									
Name:	Microsoft Corporation								
Street Address:	One Microsoft Way								
City:	Redmond								
State/Country:	WASHINGTON								
Postal Code:	98052								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11840479</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11840479				
Property Type	Number								
Application Number:	11840479								
CORRESPONDENCE DATA									
Fax Number:	(216)696-8731								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	MS320944.01/MSFTP1918US								
NAME OF SUBMITTER:	Himanshu S. Amin								
Total Attachments: 2 source=320944.01 Exec Assignment#page1.tif source=320944.01 Exec Assignment#page2.tif									

OP \$40.00 11840479

PATENT

PATENT ASSIGNMENT

WE, ROBERT GRUEN, RICHARD L. HUGHES, and JESSICA MILLER ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EFFICIENT TEXT INPUT FOR GAME CONTROLLERS AND HANDHELD DEVICES ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 24th Floor, National City Center, 1900 E. 9th Street, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (U.S. Serial No. 11/840,479, filed 8-17-2007) this APPLICATION'S U.S. Serial Number and filing date, when known;

was filed on and was given U.S. Serial No.;

is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

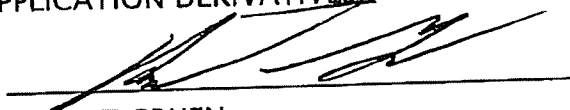
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);


ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

08.13.2007
DATE

AUGUST 13TH, 2007
DATE

DATE


ROBERT GRUEN


RICHARD L. HUGHES

JESSICA MILLER

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DATE


ROBERT GRUEN

DATE

August 14, 2007

DATE

RICHARD L. HUGHES



JESSICA MILLER