

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John L. Vian	08/01/2008
Emad W. Saad	08/01/2008
Stefan R. Bieniawski	08/01/2008
el-Hadi M. Aggoune	08/06/2008
RECEIVING PARTY DATA	
Name:	The Boeing Company
Street Address:	100 N. Riverside
City:	Chicago
State/Country:	ILLINOIS
Postal Code:	60606-1596
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12137348
CORRESPONDENCE DATA	
Fax Number:	(509)323-8979
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	509-324-9256
Email:	pam@leehayes.com
Correspondent Name:	Lee & Hayes, PLLC
Address Line 1:	421 W. Riverside Ave, Suite 500
Address Line 4:	Spokane, WASHINGTON 99201
ATTORNEY DOCKET NUMBER:	BO1-0477US
NAME OF SUBMITTER:	Pam Prellwitz
<p>Total Attachments: 3</p> <p>source=EU0462#page1.tif</p>	

OP \$40.00 12137348

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PATENT
REEL: 021612 FRAME: 0314

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vian et al. Attorney Docket No. BO1-0477US
Serial No.: 12/137,348 Group Art Unit: 2173
Filing Date: 06/11/2008 Examiner: tbd
Title: VIRTUAL ENVIRONMENT SYSTEMS AND METHODS

ASSIGNMENT

WHEREAS, John L. Vian residing at Renton, WA, Emad W. Saad residing at Renton, WA, Stefan R. Bieniawski residing at Seattle, WA, and el-Hadi M. Aggoune residing at Brier, WA, (hereinafter "Assignors") have invented certain new and useful improvements in VIRTUAL ENVIRONMENT SYSTEMS AND METHODS (hereinafter "invention") for which Assignors are making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignors on the date(s) listed below, and which patent application will initially be filed without this patent assignment.

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of P.O. Box 2515, MC 110-SD54, Seal Beach, California 90740-1515, US." (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention within the United States of America and its territorial possessions and all foreign countries any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THEREFORE, for good and valuable considerations, the receipt which is hereby acknowledged, Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee the entire right, title and interest in and to the invention within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the LETTERS PATENT when granted, in accordance with this assignment.

60483

CUSTOMER NUMBER

- 1 -

BO1-0477US Assignment

lee@hayes plc 509-321-4255

PATENT
REEL: 021612 FRAME: 0316

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the invention, and for maintaining and perfecting the Assignee's right to the invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, Assignors have signed this Assignment on the date(s) specified below.

8-1-08
Date
John L. Vian
John L. Vian

8/1/08
Date
Emad W. Saad
Emad W. Saad

8-1-08
Date
Stefan R. Bieniawski
Stefan R. Bieniawski

Date

el-Hadi M. Aggoune

60483

CUSTOMER NUMBER

- 2 -

801-0477US Assignment

lee@hayes plc 609-324-9255

PATENT
REEL: 021612 FRAME: 0317

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the invention, and for maintaining and perfecting the Assignee's right to the invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, Assignors have signed this Assignment on the date(s) specified below.

Date

Date

Date

John L. Vian

Emad W. Saad

Stefan R. Bieniawski

August 6, 2008
Date

[Signature]

el-Hadi M. Aggoune

60483

CUSTOMER NUMBER

- 2 -

BOI-047703 Assignment

iso/hayes plc 000-331-0234

PATENT

RECORDED: 09/30/2008

REEL: 021612 FRAME: 0318