

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bong K. Ryu	11/19/2011
Hua Zhu	11/19/2011
Zhensheng Zhang	11/19/2011
Liangping Ma	11/17/2011
RECEIVING PARTY DATA	
Name:	The Boeing Company
Street Address:	100 N. Riverside Plaza
City:	Chicago
State/Country:	ILLINOIS
Postal Code:	90740
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12219510
CORRESPONDENCE DATA	
Fax Number:	(562)797-9051
Phone:	562-797-9029
Email:	patentadmin@boeing.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Baldwin Quan
Address Line 1:	100 N. Riverside Plaza
Address Line 4:	Chicago, ILLINOIS 90740
ATTORNEY DOCKET NUMBER:	ARGON-10-US-NP
NAME OF SUBMITTER:	Baldwin Quan, Reg. No. 58,692
Total Attachments: 2 source=Argon-10-US-NP_Assignment#page1.tif source=Argon-10-US-NP_Assignment#page2.tif	

CH \$40.00 12219510

ASSIGNMENT

Doc No: Argon-10-18-NP

WHEREAS, Song K. Ren, residing at Poway, California; Limping Ah, residing at San Diego, California; Hua Zhu, residing at San Diego, California; and Zhenzhong Zhang, residing at San Diego, California; hereinafter "Assignor") has invented certain new and useful improvements in SYSTEMS AND METHOD FOR MEDIA ACCESS CONTROL, FOR A BROAD CYCLE NETWORK (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Illinois, US, having a place of business at 101 N. Riverside Plaza, Chicago, Illinois 60606-2019, with a mailing address of P.O. Box 215, M/C 110-8054, Seal Beach, California 92770, USA, (hereinafter called "the Assignee"), a 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 and all foreign countries and all foreign LETTERS PATENT that may be granted therefor.

NOW, THEREFORE, for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does 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 all foreign LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and the government grants and all divisions, renewals, continuations, continuations-in-part and extensions thereof that may be granted hereon, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such protection as may now or hereafter be granted to Assignor 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 the 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 Assignor if the assignment and sale had not been made. Assignor requests and authorizes the Commissioner of Patents and Trademarks, US, and the foreign counterparts, to issue the LETTERS PATENT when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and undivided right in the invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration hereof, 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, relating or reestablishing United States and foreign LETTERS PATENT or the like for the invention, and for maintaining and perfecting the Assignor's right in the invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

[Signature] (Date) 11/12/11 *[Signature]* (Date) 11/14/2011
Assignor's Name: Zhenzhong Zhang Assignee's Name: Boeing
This Date: 11/19/2011 (Date) Zhenzhong Zhang (Name) 11/14/2011 (Date)

WHEREAS, Hong K. Roy, residing at Poway, California; Lamging Jia, residing at San Diego, California; Huo Zhu residing at San Diego, California; and Zhenzhong Zhang residing at San Diego, California (hereinafter "Assignor") has invented certain new and useful improvements in SYSTEMS AND METHODS FOR ACCESS CONTROL FOR A MULTI-LEVEL NETWORK (hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on date(s) listed below.

WHEREAS, The Roofing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 N. Riverside Plaza, Chicago, Illinois 60606-2010, with a mailing address of P.O. Box 2515, M/C 110-SID54, Seal Beach, California 90740, USA, (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 say United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THEREFORE, for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does 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 the Government grants, and all divisions, reissues, continuations, continuations-in-part and extensions thereof that may be granted hereof, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such protection as may now or hereafter be granted to Assignor 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 Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the LETTERS PATENT when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor 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, renewing or reexamining United States and Foreign LETTERS PATENT or the like for the invention, and for maintaining and perfecting the Assignor's right to the invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

Hong K. Roy

[Signature]

11/12/2011

Huo Zhu

(date)

Zhenzhong Zhang

(date)