PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
LIJUN GAO	09/26/2014		
MATTHEW J. KROLAK	09/26/2014		
SHENGYI LIU	09/26/2014		

RECEIVING PARTY DATA

Name:	THE BOEING COMPANY
Street Address:	100 NORTH RIVERSIDE
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606-1596

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14498186

CORRESPONDENCE DATA

Fax Number: (404)815-1700

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 404-815-1900

Email: docketing@hbipfirm.com HOPE BALDAUFF, LLC **Correspondent Name:** Address Line 1: **100 COLONY SQUARE**

Address Line 2: 1175 PEACHTREE STREET, N.E., SUITE 2000

Address Line 4: ATLANTA, GEORGIA 30361

ATTORNEY DOCKET NUMBER:	14-0143/60055.0259US01
NAME OF SUBMITTER:	CHARLES L. WARNER
SIGNATURE:	/Charles L. Warner, Reg. #32320/
DATE SIGNED:	09/26/2014

Total Attachments: 2

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> **PATENT** REEL: 033829 FRAME: 0786

502994174

Docket No.: 14-0143/60055.0259US01

ASSIGNMENT

WHEREAS,	we, Lijun Gao , residi:	ng at Renton, W	A; Matt	hew J. Kro	olak, re	siding at Renton,	WA:	and Shengvi
Liu, residing a	t Sammamish, WA, (l	nereinafter indiv	idually a	nd collectiv	ely "As	ssignor") have inv	ented	certain new
and useful inv	entions and improvem	ents (hereinafter	r "Inventi	on") descri	bed in t	the United States	paten	t application
Synchronous	Machine With Com	mon Motor/Ge	nerator	Exciter Sta	age for	which Assignor	is ma	aking or has
made applicati	on for LETTERS PA	TENT OF THE	UNITED	STATES,	which	application has be	en di	uly executed
by Assigno	concurrently	herewith;	or	filed	on		as	Application
No	, , , , , , , , , , , , , , , , , , , ,							

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of 5301 Bolsa Avenue, Huntington Beach, California, 92647, 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, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, its 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 that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, 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 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 the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries 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 Assignor's interest in 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, 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.

Assignor authorizes and directs any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

IN TESTIMONY W	HEREOF, I have signed th	is Assignment on the date s	pecified below.	
Gents	09/26/2014	,	•	
Lijun Gao	Date	Shengyi Liu	Date	
110	9/26/2014			
Matthew J. Krolak	Date			

PATENT REEL: 033829 FRAME: 0787

RECORDED: 09/26/2014

Docket No.: 14-0143/60055.0259US01

ASSIGNMENT

Liu, and u	residing at Sam seful invention	mamish, WA, (her is and improvemen	einafter indi is (hereinafte	vidually er "Inver	and collecti ition") descr	vely "A ribed in	esiding at Renton, Wassignor") have invent the United States pat	ed certain new ent application
made by	application for	r LETTERS PATE concurrently	INT OF THE	E UNITE	ED STATES	, which	r which Assignor is application has beenas	duly executed
WHE	REAS, The B	oeing Company, a					er the laws of the Stat 596, with a mailing a	

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of 5301 Bolsa Avenue, Huntington Beach, California, 92647, 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, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, its 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 that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation—in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, 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 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 the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

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IN TESTIMONT	WITHKEOP, I Have signer	a ans Assignment on the date speci	ned below.
			9/26/20,4
Lijun Gao	Date	Shengyi Liu	Date
Matthew J. Krolak	Date		

PATENT REEL: 033829 FRAME: 0788