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Chris Samhammer Chad D. Schmitz	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes V No.  3. Nature of conveyance/Execution Date(s):  Execution Date(s) December 13 and 14, 2005	Street Address: 100 North Riverside Plaza
Assignment Merger	City: Chicago
Security Agreement Change of Name  Joint Research Agreement	State: IL
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 60606
Other	Additional name(s) & address(es) attached? Yes
4. Application or patent number(s):  A. Patent Application No.(s)  2005 DBYRNE 00000054 500476 29244952  8021 40.00 DA	document is being filed together with a new applicati  B. Patent No.(s)
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A. Patent Application No.(s)  2005 DBYRNE 00000054 500476 29244952  8021 40.00 DA  Additional numbers at Additional numbers at Additional numbers at S. Name and address to whom correspondence concerning document should be mailed:  Name: Boeing Management Company  Internal Address: Intellectual Property Department  Street Address: 15460 Laguna Canyon Road  City: Irvine  State: CA Zip:92618  Phone Number: 949-790-1360  Fax Number: 949-790-1211	B. Patent No.(s)  ttached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting)  8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 50-0476

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## **ASSIGNMENT**

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				_;;	and											
me	on	this	day,	or	(if	the	following	is	completed)	filed	on			as	Serial	No.
IND	CAT	OR.	ASSE	MBI	LY f	or w	hich applic	atic	on for Letters	Pater	t of	the United	States has	s been	execute	d by
are	istec	belc	w) of	the	city	and s	state as sta	tec	below next t	o my r	ame	e, have inve	inted a ILL	UMINA	red La	TCH
WH	ERE	AS, I	, as be	elow	nai	med	sole invent	or (	if only one n	ame is	liste	ed below) o	r joint inve	ntor (if p	olural na	ımes

WHEREAS, The Boeing Company. (hereinafter referred to as BOEING), a corporation organized and existing under the laws of the State of Delaware, having a place of business at 100 North Riverside, Chicago, Illinois 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, US, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to BOEING, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said BOEING, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been. or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to BOEING, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by BOEING, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said letters Patent In the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of BOEING, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in BOEING, its successors, assigns or other legal representatives.

13655 (1/98)

PATENT REEL: 017376 FRAME: 0503

## IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Ralph D. Druckman	RALPH DIRUCKMAN	12-13-2005
RESIDENCE (CITY AND STATE)		
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	$\mathcal{M}$	
FULL NAME OF SOLE OR JOINT INVENTOR	NVENTOR'S SIGNATURE	DATE
Chris Samhammer	It were more	112-13-2005
RESIDENCE (CITY AND STATE)		
Redmond, Washington	_	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Chad D. Schmitz	Chad D Schuts	12/14/05
RESIDENCE (CITY AND STATE)		<u></u>
Arlington, Washington		
-		

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PATENT

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