	COVER SHEET U.S. DEPARTMENT OF COMMERCE					
Form PTO-1595 RECORDATION FORM	U.S. Patent and Trademark Office					
(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) PATENT	2 ONL 1					
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents of copy and commissioner of Patents and Trademarks: Please record the attached original documents of copy and commissioner of Patents and Trademarks: Please record the attached original documents of copy and commissioner of Patents and Trademarks: Please record the attached original documents of copy and commissioner of Patents and Trademarks: Please record the attached original documents of copy and copy and copy are copy and copy and copy are copy and copy and copy are copy are copy and copy are copy are copy and copy are copy are copy and copy are copy and copy are copy and copy are copy are copy are copy and copy are copy and copy are copy are copy are copy and copy are copy are copy and copy are copy are copy are copy and copy are copy are copy are copy are copy and copy are copy are copy are copy are copy are copy and copy are copy and copy are copy and copy are						
1. Name of conveying party(ies):	Name and address of receiving party(ies) The Basing Company					
Bishard Roland King (January 8, 2004); Peter C. Colter	Name: The Boeing Company					
(January 13, 2004); James H. Ermer (January 9, 2004); Moran Haddad (January 9, 2004); Nasser H. Karam	Internal Address:					
(January 13, 2004)						
Additional name(s) of conveying party(ies) attached? 🏰 Yes 🏩 No						
3. Nature of conveyance:						
- Merger						
Assignment = +	Street Address: 100 North Riverside					
Security Agreement Change of Name						
Other						
	City: Chicago State: IL Zip: 60606					
Execution Date: 01/08/04; 01/09/04; 01/13/04	Additional name(s) & address(es) attached? 🖳 Yes 🔼 No					
	Adalabatist tissue/ex at a control of the control o					
4. Application пumber(s) or patent number(s):	use the application is:					
If this document is being filed together with a new app	lication, the execution date of the application is:					
A. Patent Application No.(s)	B. Patent No.(s)					
10/356,028						
Additional numbers a						
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:					
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$_40.00					
Name: Steven W. Hays						
	Enclosed					
Internal Address:	Authorized to be charged to deposit account					
	Authorized to be charged to deposit account					
	8. Deposit account number:					
Street Address: 28333 Telegraph Road, Suite 250	50-0476					
						
40004	(Attach duplicate copy of this page if paying by deposit account)					
City:_SouthfieldState:_MIZip;_48034	· `					
DO NOT USE THIS SPACE						
9. Statement and signature.	 -					
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy						
is a true copy of the original document.	. <u> </u>					
Steven W. Hays	January 14, 2004 Signature Date					
Name of Person Signing	Oliginatore					
Total number of pages Including o	over sheet, attachments, and documents: 5					

ARTZ ARTZ LAW OFFICES

Mail documents to be recorded with required cover sheet information to: Commissioner of Palents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

Page 1 of 4 PD-200253 CIP (BOE 0401 PA)

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a WIDE-BANDGAP, LATTICE-MISMATCHED WINDOW LAYER FOR A SOLAR ENERGY CONVERSION DEVICE for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on January 31, 2003 as Serial No. 10/356,028; and

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 92616, 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.

> PATENT REEL: 014259 FRAME: 0578

ASSIGNMENT Page 2 of 4 PD-200253 CIP (BOE 0401 PA)

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Richard Roland King	Richard Roland King	1/8/04
RESIDENCE (CITY AND STATE)	<u> </u>	INVENTION AGREEMENT DATE
769 Lynnmere Drive, Thousand Oaks, CA	91360	
STATE OF CALIFORNIA)	•
COUNTY OF LOS ANGECO) ss:)	
On 1 ANU ARY 8 7-1 2004 before	eme DOROTHEA 5 7	AVCON
,	·	
a Notary Public in and for said State, person proved to me on the basis of satisfactors. □	onally appeared Richard Roland Ring, ITV evidence to be the person@ whose	(2) personally known to me or name(a) is/are-subscribed to
 the within instrument and acknowledged (o me that he/she/they executed the sa	me in his/he#their authorized
capacity(ies), and that by his/her/their sign which the person(s) acted, executed the in	lature(5) on the instrument the person(=	i), or the entity upon behalf of
	spurient.	
VITNESS (IV frame and office) seal.		1-1
Notory Public - California & Los Angeles County	De fleg J	1 cyfey
My Comm. Expires Ain 25, 2007	Notary	Public
IN WITNESS WHEREOF, I have executed	this instrument.	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Peter C. Colter	Peter Calte	<u> </u>
RESIDENCE (CITY AND STATE)	The Care	1/13/07 INVENTION AGREEMENT DATE
27327 Fahren Court, #102, Carryon Countr	y. CA 91351	
STATE OF CHCIFOENIA)	
COUNTY OF LOS ANGELE		
COUNTY OF _COS AND COE_	<u> </u>	
On 1404 144 1374, 2004 before	me. DONOTHEN S.	TAYCOR
a Notary Public in and for said State, pers	onally appeared Peter C. Colter & n	ersonally known to me or 🗆
proved to the on the pasis of satisfactory e	vidence to be the person(s) whose nam	P(R) is/are subscribed to the
wight institutest and acknowledged to the	ie that he/she/they executed the same	e in his/har/their authorized
capacity(ies), and that by his/her/their signs which the person(s) acted, executed the ins	sture(s) on the instrument the person(s)	, or the entity upon behalf of
WITNESS my hand and official seal.		ı
virinces my hand and official seal.		17 1
*****		f.Tela
DOROTHEAS, TAYLOR	Notary F	Public
Commission # 1425524 Notary Public - California \$		
Los Angeles County		
My Comm. Expires Jun 25, 2007		

PATENT REEL: 014259 FRAME: 0579

Los Angeles County My Comm Expires Jun 25, 2007

ASSIGNMENT Page 3 of 4 PD-200253 CIP (BOE 0401 PA)

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNA	TUBE		T Parket
James H. Ermer		, ,		DATE
DESIDENCE (OUTY AND STATE)	1 X Xuns.	<u>ΑΣ</u>		01/09/04
RESIDENCE (CITY AND STATE)	()		INVEN	TION AGREEMENT DATE
918 E. Tujunga Avenue, Burbank, CA 91	501			
STATE OF CALIFORNIA)			
COUNTY OF LOS ANGEUES)	SS:		
On 180414 97 2004 befo	re me, <u>)0107</u>	481 S.	TAYLO	oe
a Notary Public in and for said State, per proved to me on the basis of satisfactory within instrument and acknowledged to capacity(ies), and that by his/her/their sig which the person(s) acted, executed the in	sonally appeared . evidence to be the me that he/sbe/th nature(s) on the ins	lames H. Ermei person(s) whos w executed the	r, 🖅 personall e name(s) is/a e same in his	y known to me or we subscribed to the heatbeir authorized
WITNESS my hand and official seal) 11	• حميد	- 1
DOROTHEA S. TAYLOR Commission # 1425524 Notary Public - Colifornia Los Angeles County My Comm. Expires Jun 25, 2007		Deutle No	<i>⊊ ∫ . ∫</i> otary Public	cyled_
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNAT	/196/	<u></u>	DATE ,
Moran Haddad	flan sel	W		01/09/2004
RESIDENCE (CITY AND STATE)	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	VENTION AGREEM	MENT DATE	1 1/ 14/
19735 Strathern Street, Winnetka, CA 913				
STATE OF CALIFORNIA		SS:		
On 1ANHARY 974 2004 before	e me, <i>Done</i>	THEO S	. TAV6	: 0 A
a Notary Public in and for said State, per proved to me on the basis of satisfactory a within instrument and acknowledged to r capacity(ies), and that by his/her/their sign which the person(s) acted, executed the ins	sonally appeared fi evidence to be the p me that he/she/the ature(s) on the inst	loran Haddad, person(e) whose viewerstad the	Depersonally name(s) is/ar	known to me or e subscribed to the
WITNESS my hand and official seal.	Per	Ale . T	Tenk	•
DOROTHEA S. TAYLOR Commission # 1425524 Notary Public - California	Notar	y Public		

PATENT REEL: 014259 FRAME: 0580

Notary Public - California Los Angeles County My Comm. Expires Jun 25, 2007

RECORDED: 01/14/2004

ASSIGNMENT Page 4 of 4 PD-200253 CIP (BOE 0401 PA)

PULL NAME OF SOLE OR JOINT INVENTOR Nasser H. Karam	INVENTOR'S SIGNATURE	DATE 1//3/04
RESIDENCE (CITY AND STATE) 10314 Sandie Wood Lane, Northridge, CA	Natural Agreement of the second	INVENTION AGREEMENT DATE
<u> </u>		
STATE OF CALIFOR NIA COUNTY OF LOS HUGELE		
	,	
On 1424ANY 12 12 1005 before	eme, <u>DO107469</u> S.T.	4400
a Notary Public in and for said State, person proved to me on the basis of satisfactory exithin instrument and acknowledged to a capacity(ies), and that by his/her/their signs which the person(s) acted, executed the instrument.	onally appeared Nasser H, Karam, Et pa evidence to be the person(e) whose name me that he/she/they executed the same ature(s) on the instrument the person(e)	ersonally known to me or De(s) is/are subscribed to the
WITNESS my hand and official seal,	Daylus J. Notary P	Tyle,
DOROTHEA S. TAYLOR Commission # 1425524	Notary P	ublic