FORM PTO-1619A Expires 06/30/99 OMB 0651-0027	1 C	-31-2001] 	U.S. Department of Commerce Patent and Trademark Office PATENT	
	ner of Patents and Trademarks:		l original docu	ment(s) or copy(ies).	•
Submission Tyl New Resubmission Document ID #	(Non-Recordation)	Conveyance Type Assignment License		Agreement of Name	U.S. PT 134401
Correction of F	PTO Error Frame	Merger Merger	∐ Other		91
Li Reel#	#		U.S. Gove		104
Corrective Doc	cument Frame	(For Use	ONLY by U.S. G	Government Agencies)	j
Reel#	#	☐ Departn	nental File	Secret File	
Conveying Part	t y(ies) Charles D. Royalty	Mark if additional nam	es of conveyi	ng parties attached Execution Date Month Day Year 08 17 2001	
Name (line 2)					
Second Party				Execution Date Month Day Year	
Name (line 1)					
Name (line 2) Receiving Party Name (line 1)	The Boeing Company	☐ Mark if addit	tional names o	of receiving parties attached	
Name (line 2)				is an assignment and the receiving party is not domiciled in the United St an appointment of a dome	ates,
Address (line 1)	7755 E. Marginal Way S.			representative is attached (Designation must be a separate document from Assignment.)	
Address (line 2)					
Address (line 3)	Seattle, King County City	WA State/Country		98108 Zip Code	
Domestic Repr	esentative Name and Ad	ddress Enter for t	he first Receiv	ving Party only.	
Name					
Address (line 1)					
Address (line 2)					_
Address (line 3)					
Address (line 4)		FOR OFFICE USE ON	LY		
				o ser Cover Sheet to he recorded, i	ncluding
time for reviewing the	g for this collection of information is document and gathering the data ne emark Office, Chief Information Offic typet, Paperwork Reduction Project (C d Trademark Assignment Practice. I	er, Washington, D.C. 20231 an	d to the Office of 20503. See OM DRECORD ASS	B Information Collection Budget Pa SIGNMENT DOCUMENTS TO THIS	ckage

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

08/24/2001 BSAYASI1 00000014 09934401 03 FC:581 40.00 0P

Correspondent Name and Address Name Jeffrey H. Urian Address (line 1) Harness, Dickey & Pierce, P.L.C. Address (line 2) P.O. Box 828 Address (line 3) Bloomfield Hills, MI 48303 Address (line 4) Pages Enter the total number of pages of the attached conveyance document including any attachments Application Number(s) or Patent Number(s) Mark if additional numbers attached. Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Application Number or the Patent Application Patent Number(s) Patent Application Number(s) Patent Application Number or the Patent Application and the same property). Patent Application Number(s) Petern Pot paper and Application number only if a U.S. Application Number of Properties Enter the total number of properties involved. Patent Cooperation Treaty (PCT) Enter POT application number only if a U.S. Application Number as not been assigned. PCT	FORM PTO-161 Expires 06/30/99 OMB 0651-0027	9B Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Address (line 1) Harness, Dickey & Pierce, P.L.C. Address (line 2) P.O. Box 828 Address (line 3) Bloomfield Hills, MI 48303 Address (line 4) Pages Enter the total number of pages of the attached conveyance document including any attachments Application Number(s) or Patent Number(s) Mark if additional numbers attached. Enter either the Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Application Number(s) Patent Number(s) Patent Number(s) If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application number only if a U.S. Application Number as not been assigned. PCT PCT PCT PCT Number of Properties Enter the total number of properties involved. # 1 Pee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Pee Amount for Properties Involved. # 08-0750 Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: Authorization to charge additional fees: Yes No Deposit Account are authorized, as attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein. Jeffrey H. Urian Date	Correspondent	Name and Address Area Code and Telephone Number	248-641-1600
Address (line 2) P.O. Box 828 Address (line 3) Bloomfield Hills, MI 48303 Address (line 4) Pages Enter the total number of pages of the attached conveyance document including any attachments function Number(s) or Patent Number(s) Mark if additional numbers attached. Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Rooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number as not been assigned. PCT PCT PCT PCT PCT PCT Number as not been assigned. PCT	Name	Jeffrey H. Urian	
Address (line 3) Bloomfield Hills, MI 48303 Address (line 4) Pages	Address (line 1)	Harness, Dickey & Pierce, P.L.C.	
Pages	Address (line 2)	P.O. Box 828	
Pages Enter the total number of pages of the attached conveyance document including any attachments Application Number(s) or Patent Number(s)	Address (line 3)	Bloomfield Hills, MI 48303	
Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers of the same property). Patent Application Number(s) Patent Application Number(s) Patent Application Number(s) Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application number only if a U.S. Application Number as not been assigned. PCT	Address (line 4)		
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Application Number(s) Patent Number(s)	Pages		document # 2
Patent Application Number(s) Patent Number(s)			
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number as not been assigned. PCT			
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number PCT	Paten	t Application Number(s)	tent Number (s)
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number PCT			
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number PCT			
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number PCT			
Enter PCT application number only if a U.S. Application Number as not been assigned. PCT	If this document is bein signed by the first name	g filed together with a <u>new</u> Patent Application, enter the date the patent application enter the date the patent application.	ation was Month Day Year
Enter PCT application number only if a U.S. Application Number as not been assigned. Number of Properties Enter the total number of properties involved. Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): Method of Payment: Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: Authorization to charge additional fees: Yes No 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. Charges to deposit account are authorized, as indicated herein. Jeffrey H. Urian Date	Patent Coopera	ation Treaty (PCT)	PCT
Number of Properties Enter the total number of properties involved. # 1 Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Enclosed Deposit Account Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 08-0750 Authorization to charge additional fees: Yes No 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. Charges to deposit account are authorized, as indicated herein. Jeffrey H. Urian Date	Enter Po	CT application number	
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 Method of Payment: Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: Authorization to charge additional fees: Yes No 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. Charges to deposit account are authorized, as indicated herein. Jeffrey H. Urian Date	<u>only if</u> a Number	as not been assigned. PCT PCT	PCT
Method of Payment: Enclosed ☑ Deposit Account ☐ Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: Authorization to charge additional fees: Yes ☑ No ☐ 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. Charges to deposit account are authorized, as indicated herein. Signature Date	Number of Pro	perties Enter the total number of properties involved.	# 1
Deposit Account Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 08-0750 Authorization to charge additional fees: Yes No 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. Charges to deposit account are authorized, as indicated herein. Jeffrey H. Urian Signature Date	Fee Amount		
Peposit Account Number: Authorization to charge additional fees: Yes No 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. Charges to deposit account are authorized, as indicated herein. Jeffrey H. Urian # 08-0750 Yes No Statement and Signature No Date	Method of	Payment.	
Authorization to charge additional fees: Yes No No 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. Charges to deposit account are authorized, as indicated herein. Signature Date	Deposit A	ccount most by deposit account or if additional fees can be charged to the account.)	# 00.0750
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. Charges to deposit account are authorized, as indicated herein. Jeffrey H. Urian Signature Date	Enter for pay	Deposit Account Number:	# 08-0750
To the best of my knowledge and belief, the following the lattached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein. Jeffrey H. Urian Signature Date		Authorization to charge additional fees:	Yes 🛛 No 🗌
Jeffrey H. Urian Signature Page 17-2001 Date	To the be attached	st of my knowledge and belief, the following in the copy is a true copy of the original document. Charges to deposi	and correct and any it account are authorized, as
Jeffrey H. Urian Date	indicated	herein.	
Name of Person Signing / Signature	Jeffrev H. Urian		
Name of the state	Name of Per	son Signing / Signature	

ASSIGNMENT

Atty. Docket No. 7784-000304

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

METHOD TO DETECT APPLICATION SPOOFING IN MIXED USE AVIONICS DISPLAY

for which Assignor is about to make or has made United States or International application for patent

(a)	executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
(b)	executed on,; or
(c)	filed on, and assigned Serial No or PCT International Application No, and
14/11/	The Desire Company a companion of the Otate of Delevious begins its

WHEREAS, The Boeing Company, a corporation of the State of Delaware, having its principal place of business at 7755 E. Marginal Way S., Seattle, King County, Washington 98108, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letter patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Page 1 of 2

ASSIGNMENT

Assignor (Application No.		and requests m , filed	y attorney	ere in parentheses ate and application
number of said a	pplication when kn	own.		 • •
	^			
Celule		17-40g-2001		
Charles D. Royal	ty Da	ate		

Page 2 of 2

RECORDED: 08/21/2001

PATENT REEL: 012114 FRAME: 0611