To the Horozatic Commissiones of Patents on 102444458 1. Name of conveying party(ics): Robert M. KEEN; Robert M. KEEN; Scott D. BASTERLING; Glenn S. LATTA; Jeffrey A. FRISCO Melhourna, FL 32801 3. Nature of Conveyance: (X) Assignment () Merger (X) Security Agreement () Security Agreement () Security Agreement () Change of Name () Merger Execution Date: April 11, 2003 Additional name(s) and address(s) attached () Yes (XINO 10/429115 4. Application number(s) or patent number(s): (i) this accurant is being flies toppher with a new application, the resolution date of the application is: May 2, 2001 A. Patent application No. (s) Not Yet Assigned Additional number of applications A. Patent application No. (s) Not Yet Assigned Additional number of applications and patents involved: 1 1 Address: Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. orange Ave. P.O. Box 3791 8. Deposit Account Number: City: Orlando 10 NOT USE THIS SPACE DO NOT USE THIS SPACE 7. To be best of my knowledge and belief, the foregoing information is true.	FORM PTO-1595 C. 1	05-12-2003	EET	U.S. DEPT. OF COMME
1. Name of conveying party(les): Robert M. XERN; Robert M. XERN; Scott D. EASTERLING; Glenn S. LATTA; Jeffrey A. FRISCO Address: 1335 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1335 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1335 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1335 Gateway Drive, Suite 2020 Melbourne, FL 32901 Melbourne, FL	1-31 92			Patent & Trademark Off
Robert M. KFEN; Scott D. EASTERLING; Scott D. EASTERLING; Scott D. EASTERLING; Scott D. EASTERLING; Address: 1335 Gateway Drive, Suite 2020 Melbourne, FL 32901 Saditional number(s) of conveying partylise strached (19es 1815) () Merger () Security Agreement () Change of Name () Other Execution Date: April 11, 2003 Additional number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: May 2, 2023 A. Patent application No.(s) Not Yet Assigned Additional number attached? () Test (% No. Not Yet Assigned Additional number attached? () Test (% No. Solutions in subters attached? () Test (% No. Internal Address: Alien, Dyer, Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 City: Orlando Statement and signature. To the best of my knowledge and belief, the foregoing information is true To the best of my knowledge and belief, the foregoing information is true	To the Honorable Commissioner of Patents and	102444458	iginal documents	or copy thereof.
Scott D. EASTERLING, Address: 1335 Gateway Drive, Suite 2020 Glenn S. LATTA; Jeffrey A. FRISCO Melbourne, FL 32901 Address: 1335 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 Address: 1336 Gateway Drive, Suite 2020 Melbourne, FL 32901 E. Marger () Merger () Merger () Merger () Change of Name () Merger () Merger () Merger () Change of Name () Merger (ing party(ies):
Additional numbers of conveying partylies attached (Yes (X)No 3. Nature of Conveyance: (X) Assignment () Security Agreement () Change of Name () Other Execution Date: April 11, 2003 Additional number (s) or patent number(s): () this occurrent is being files together with a new application, the execution date of the application is: May 2, 2003 A. Patent application No. (s) Not Yet Assigned Additional numbers estachedy () Two (X)No Not Yet Assigned Additional numbers estachedy () Two (X)No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esg. Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 Street Address: 255 S. Orange Ave. P.O. Box 3791 Street Florida Zip: 32802 Gi any additional extension and/or fee is required or, if any additional fee for claims is required or, if any additional fee for claims is required to the best of my knowledge and belief, the foregoing information is true				Suite 2020
Additional name(s) of conveying party(ise) attached (ives X)No (X) Assignment () Merger (A) Security Agreement () Change of Name (B) Other Execution Date: April 11, 2003 Additional name(s) end address(s) attached? (ives X)No 10/419/5 4. Application number(s) or patent number(g): 10 this document is being filest together with a new application, the execution date of the application is: Namy 2, 2003 A. Patent application No.(s) Not Yet Assigned Additional numbers attached? (ives X)No Not Yet Assigned Additional number of applications and patents involved: [1] Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esq. 7. Total fee (37 CFR 3.41)5 40.00 Internal Address: Allen, Pyer, [1] Authorized to be charged to deposit account. Street Address: 255 S. Orange Avc. P.O. Box 3791 8. Deposit Account Number: City: Orlando (1-0484) 'tate: Florida Zip: 32802 If any additional extension and/or fee is required or, if any additional fee for claims is required for the best of my knowledge and belief, the foregoing information is true.				98.2
(X) Assignment () Merger (X) Assignment () Merger (X) Assignment () Merger (X) Security Agreement () Change of Name (X) Other Execution Date: April 11, 2003 Additional name(**) and address(**) attached? () Yes (X) NO 10/4291/5 4. Application number(s) or patent number(s): 11 this document is being filed togather with a new application, the execution date of the application is: May 2, 2003 A. Patent application No.(s) Not Yet Assigned Additional numbers attached? () Tes (X) NO 5. Name and address of Party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esq. Doppelt, Milbrath & Gilchrist, P.A. Street Address: Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 8. Deposit Account Number: (1) Authorized to be charged to deposit account. 1f any additional extension and/or fee is required or, if any additional extension and/or fee is required or, if any additional fee for claims is raquired or, if any additional fee for claims is raquired or, if any additional fee for claims is raquired or. To the best of my knowledge and belief, the foregoing information is true			,	=2
() Security Agreement () Change of Name () Other		_		OF THE PERSON NAMED IN COLUMN 1
Execution Date: April 11, 2003 Additional name(s) and address(s) strached? ()Yes (X)NO 10/429/15 4. Application number(s) or patent number(s): if this document is being filed together with a new application, the execution date of the application is: May 2, 2003 A. Patent application No.(s) Not Yet Assigned Additional numbers strached? ()Yes (X)NO Not Yet Assigned Additional numbers strached? ()Yes (X)NO 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esq. Obapelt, Milbrath & Gilchrist, P.A. Street Address: Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 8. Deposit Account Number: City: Orlando O1-0484 That: Florida Zip: 32802 If any additional extension and/or fee is required on the patent and signature. To the best of my knowledge and belief, the foregoing information is true	(X) Assignme	ent ()	Merger	
Additional name(s) and address(s) attached? ()Yes (X)No 10/4291/5 4. Application number(s) or patent number(s): if this document is being filed together with a new application, the execution date of the application is: May 2, 2003 A. Fatent application No.(s) Not Yet Assigned Additional numbers attached? ()Yes (X)No Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esq. Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Avo. P.O. Box 3791 City: Orlando Orlan	() Security	y Agreement ()	Change of Name	
Additional name(s) and address(s) attached? ()Yes (X)No 10/419115 4. Application number(s) or patent number(s): if this document is being filed together with a new application, the execution date of the application is: May 2, 2003 A. Fatent application No.(s) Not Yet Assigned Additional numbers attached? ()Yes (X)No Not Yet Assigned Additional numbers attached? ()Yes (X)No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esq. Doppelt, Milbrath & Gilchrist, P.A. Street Address: Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 8. Deposit Account Number: City: Orlando 01-0484 State: Florida Zip: 32802 If any additional extension and/or fee is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or, if any additional fee for claims is required or the best of my knowledge and belief, the foregoing information is true.	() Other			
Additional name (s) and address(s) attached? () Yes (X)No 10/429115 4. Application number(s) or patent number(s): if this document is being filed together with a new application, the execution date of the application is: May 2, 2003 A. Patent application No.(s) Not Yet Assigned Additional numbers attached? () Yes (X)No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esq. Deppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 City: Orlando City: Orlando To tall fee (37 CFR 3.41)\$ 40.00 [] Authorized to be charged to deposit account. Street Address: 255 S. Orange Ave. P.O. Box 3791 S. Deposit Account Number: City: Orlando				
4. Application number(s) or patent number(s): 15 this document is being filed together with a new application, the execution date of the application is: May 2, 2003 A. Patent application No.(s) Not Yet Assigned Additional numbers attached? ()Yes (XINO 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esq. Doppelt, Milbrath & Gilchrist, P.A. Street Address: Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 City: Orlando Total number of applications and patents involved: [1] Authorized to be charged to deposit account. [] Authorized to be charged to deposit account. Street Address: 255 S. Orange Ave. P.O. Box 3791 S. Deposit Account Number: City: Orlando Total number of application is: May 2, 2003 A. Patent No.(s) Additional numbers attached? ()Yes (XINO Total number of applications and patents involved: [1] Authorized to be charged to deposit account. Street Address: 255 S. Orange Ave. P.O. Box 3791 S. Deposit Account Number: City: Orlando C1-0484 Total number of application is: May 2, 2003 Additional number of applications and patents involved: [1] Authorized to be charged to deposit account. Street Address: 255 S. Orange Ave. P.O. Box 3791 S. Deposit Account Number: Total fee (37 CFR 3.41)\$ Total fee (
A. Patent application No. (s) Not Yet Assigned Additional numbers attached? ()Yes (X)No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Christopher F. Regan, Esq. Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 City: Orlando Ytate: Florida Zip: 32802 Street Address IMANI (1994) The Post of my knowledge and belief, the foregoing information is true To the best of my knowledge and belief, the foregoing information is true	and the state of t	101	429115	
Name: Christopher F. Regan, Esq. Internal Address: Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 State: Florida Zip: 32802 State: Florida Zip: 32802 Therefore Address: 255 S. Do Not USE THIS SPACE Do Not USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true	correspondence concerning docur	hom 6. Total n	umber of application	
Internal Address: Allen, Dyer, [X] Enclosed Doppelt, Milbrath & Gilchrist, P.A. [] Authorized to be charged to deposit account. Street Address: 255 S. Orange Ave. P.O. Box 3791 8. Deposit Account Number: City: Orlando 01-0484 Itate: Florida Zip: 32802 If any additional extension and/or fee is required or, if any additional fee for claims is required or, if any additional f		Fea 7 Total f	OO 127 CED 2 411	
Doppelt, Milbrath & Gilchrist, P.A. Street Address: 255 S. Orange Ave. P.O. Box 3791 City: Orlando Tate: Florida Zip: 32802 If any additional extension and/or fee is required or, if any additional fee for claims is required or, if any additional fee for claims is required or. DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true				,.940.00_
Street Address: 255 S. Orange Ave. P.O. Box 3791 8. Deposit Account Number: City: Orlando Ol-0484 Itate: Florida Zip: 32802 If any additional extension and/or fee is required or, if any additional fee for claims is required or, if any additional fee for claims is required or. If the best of my knowledge and belief, the foregoing information is true				
P.O. Box 3791 8. Deposit Account Number: City: Orlando Ol-0484 Itate: Florida Zip: 32802 If any additional extension and/or fee is required or, if any additional fee for claims is required or, if any additional fee for claims is required or. If the posit Account Number: On the best of my knowledge and belief, the foregoing information is true			norized to be charge deposit account.	d to
City:		<u> </u>	7	_
If any additional extension and/or fee is required or, if any additional fee for claims is required or, if any additional fee for claims is required. If the best of my knowledge and belief, the foregoing information is true		-		
or, if any additional fee for claims is required A FC.MCL 40.00 DO NOT USE THIS SPACE 3. Statement and signature. To the best of my knowledge and belief, the foregoing information is true				_
Po the best of my knowledge and belief, the foregoing information is true			itional extension ar additional fee for	d/or fee is required,
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true				To reduce to
To the best of my knowledge and belief, the foregoing information is true	1 FC:8001 40.00 SP	DO NOT USE THIS	SPACE	
To the best of my knowledge and belief, the foregoing information is true	9. Statement and signature	•		
correct and any attached copy is a true copy of the original document.	To the best of my knowledge correct and any attached co	ge and belief, the opy is a true copy	foregoing infor of the original	mation is true an document.
MICHAEL W. TAYLOR May 2, 2003 Name of Person Signing Signature Date		Mechal W.	Junto	May 2, 2003

PATENT REEL: 014041 FRAME: 0258

ASSIGNMENT

WHEREAS, Robert M. KEEN of Malabar, Florida, and Scott D. EASTERLING of Malabar, Florida, and Glenn S. LATTA of Melbourne, Florida, and Jeffrey A. FRISCO of Palm Bay, Florida; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in AIRCRAFT IN-FLIGHT ENTERTAINMENT SYSTEM PROVIDING WEATHER INFORMATION AND ASSOCIATED METHODS for which ASSIGNORS have executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; and

WHEREAS, LIVE TV, INC., a Delaware Corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenant and agree that said **ASSIGNORS** are the owners of the full

PATENT REEL: 014041 FRAME: 0259 title herein conveyed and have the right to convey the same, and agree that said ASSIGNORS will communicate to said ASSIGNEE any facts known to said ASSIGNORS respecting said invention or inventions, and testify in any legal proceedings when called upon by said ASSIGNEE, sign all lawful papers deemed by said ASSIGNEE as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said ASSIGNEE, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the ASSIGNEE'S expense.

IN WITNESS WHEREOF we have hereunto set our hands on the date indicated below.

11-April-03
Date

11 April-03
Date

RECORDED: 05/02/2003