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Red	ceiving Party					
	Name	Thales Avionics, Inc				
	Name	,	•			
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		City	State/Cou		Zip Code	
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Co	rrespondent	Name and Address				
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Mic	hael F Martin	, Reg. No. 52,001			Telephone: (312)	569-1000
		R Douglas LLC			Facsimile: (312) 5	
		rive, Suite 3700			Attorney Docket N	10. 080641-0001
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	013,645	10/156,364			5,574,497	
		10/164,680			5,889,775	
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Michael F. Martin
Name of Person Signing

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PATENT REEL: 014250 FRAME: 0648

Date

July 11, 2003

Gardner Carton & Douglas LLC 191 N. Wacker Drive Suite 3700 Chicago, Illinois 60606-1698

ASSIGNMENT

Whereas, Thales Avionics In-Flight Systems, LLC, of 17481 Red Hill Avenue, Irvine California 92614-5630, (hereinafter referred to as Assignor), is the sole and exclusive owner of the Patents and Patent Applications set forth in the attached Exhibit A and of the inventions disclosed and claimed therein; and

Whereas, pursuant to a merger conducted on December 31, 2002 in accordance with Section 264(c) of the Delaware General Corporation Law, Thales Avionics, Inc., of 3920 Park Avenue, Edison, New Jersey 08820 (hereinafter referred to as Assignee), acquired the entire domestic and foreign right, title, and interest in, to and under the aforesaid patents, patent applications and inventions;

Now, Therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor assigns and transfers to the Assignee and the Assignee's legal representatives, successors and assigns the entire right, title and interest in, to and under the patents, patent applications and inventions set forth in Exhibit A and other such applications (e.g., continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the inventions, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

Upon Said Consideration, Assignor conveys to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application if any there be) to gain priority with respect to other applications.

Assignor Does Hereby Covenant and agree with the Assignee that it will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reexamined and reissued patent and patent applications set forth in the Exhibit A or of any

and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

In Witness Whereof, Assignor has caused one of its officers to hereunder set his hand on the date shown below.

Date

Name

VICE PRESIDENT & GENERAL COUNSEL

Title

COUNTY OF COOK)

Notary Public in and for said county, appeared known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free

and voluntary act for the uses and purposes therein set forth.

Notary Public

My Commission Expires: Que 4. 2006

Attorney Docket No. 080641-0001

EXHIBIT A

Attachment to Assignment from Thales Avionics In-Flight Systems, LLC to Thales Avionics, Inc.

Title of Invention	Country	Patent No./ Publication No.	Publication/ Issue date	Application No.	Filing Date
Matrix Control Method and	SD	4,577,191 (A)	March 18, 1986	06/524,435	August 1, 1983
Apparatus	PCT	WO 85/00720 (A1)	February 14, 1985	PCT/US83/01167	August 1, 1983
	EP	0151566 (A1)	August 21, 1985	83902721	August 1, 1983
System for Mounting a	SO	5,267,775 (A)	December 7, 1993	07/776,650	October 3, 1991
Monitor	PCT	WO 93/07418 (A1)	April 15, 1993	PCT/US92/08449	October 5, 1992
	JP	8501860 (T2)	February 27, 1996	1992000507106	October 5, 1992
Quick Latch Release	SO			08/181,069	January 13, 1994
Compensation Circuit for Transformer Linearization	NS	5,369,355 (A)	November 29, 1994	07/975,187	November 12, 1992
Multi-Stage Switch	SO			08/512,142	August 7, 1995
)	ns	5,889,775 (A)	March 30, 1999	08/908,288	August 7, 1997
	GB	2344254 (B2)	July 19, 2000	0003372.0	August 1, 1996
	GB	2304255 (B)	February 23, 2000	0016228.0	August 1, 1996
	JP	9153904 (A2)	June 6, 1997	208449/96	August 7, 1996
					A CAMPAGE AND A
Passenger Service and Entertainment System	ns	6,058,288 (A)	May 2, 2000	08/512,146	August 7, 1995

Title of Invention	Country Pater	Patent No./	Publication/ Issue	Application No.	Filing Date
		Publication No.	date		
Multi-Camera Closed Circuit	NS	5,440,337 (A)	August 8, 1995	08/152,350	November 12, 1993
Television System for Aircraft	Sn	5,574,497 (A)	November 12, 1996	08/502,092	July 13, 1995
	AU	674456 (B2)	December 19, 1996	78802/94	November 11, 1994
	EP	0653887 (B1)	September 1, 1999	94308376.6	November 14, 1994
	JP	7196096 (A2)	August 1, 1995	6-279507	November 14, 1994
	HK	1013755 (A1)	October 27, 2000	98114915.6	November 14, 1994
	and the second				

In Flight Camera System	SO			09/013,645	January 26, 1998
with Electronic Field of View	PCT	WO 99/37539 (A1) July 29, 1999	July 29, 1999	PCT/US98/27086	December 18, 1998
Switching	AU	19327/99 (A1)	August 9, 1999	19327/99	December 18, 1998
)	CA	2,318,903 (AA)	July 29, 1999	2,318,903	December 18, 1998
	CN	1096387 (B)	December 18, 2002	98813797.6	December 18, 1998
	EP	1056642 (A1)	December 6, 2000	98964138.6	December 18, 1998
	JP	2002-500989 (T2)	January 15, 2002	2000-528475	December 18, 1998
	HK			01103830.7	June 4, 2001

Unfiled SO Thermopile/Visual Camera for Closed Circuit Television

Test. A Lancardian	7	Dotont No /	Dublication / Lena	Application No.	Filing Date
	Country	Publication No.	date		O
Universal Security Camera	SO			60/331,972	November 21, 2001
	SO			60/333,399	November 26, 2001
	SO			10/164,680	June 6, 2002
	PCT			PCT/US02/37872	November 26, 2002
	AR			020104392	November 14, 2002
	CT			2654-2002	November 20, 2002
	EG			1273/2002	November 25, 2002
	CC			GCC/P/2002/2358	November 25, 2002
	MY			PI 20024065	October 30, 2002
	PE			1119.2002	November 21, 2002
	TH		The state of the s	077925	November 11, 2002
	TW			091132484	November 4, 2002
	VE	The state of the s		2267-2002	November 20, 2002
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Surveillance Window	US			60/331,979	November 21, 2001
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Surveillance Window	Sn	60/331,979	November 21, 2001
	NS	60/333,398	November 26, 2001
	NS	10/156,364	May 28, 2002
	PCT	PCT/US02/37881	November 26, 2002
	AR	020104391	November 14, 2002
	CT	2655-2002	November 20, 2002
	EG	1274/2002	November 25, 2002
	29	GCC/P/2002/2330	November 19, 2002
	MY	PI 20024064	October 30, 2002
	PE	1120.2002	November 21, 2002
	TH	077762	October 21, 2002
	TW	091132273	October 31, 2002
	VE	2266-2002	November 20, 2002

RECORDED: 07/14/2003

Title of Invention	Country	Patent No./	Publication/Issue	Application No.	Filing Date
		Publication No.	date)
Method for Controlling an	SN			10/145,464	May 14, 2002
In-Flight Entertainment	PCT			PCT/US03/10602	April 7, 2003
System	MY			PI 20031461	April 18, 2003
	TH			082052	April 29, 2003
	TW			Not known yet	April 22, 2003
Method and System for	SO			10/136,237	May 1, 2002
Configuration and Download	PCT			PCT/US03/10792	April 7, 2003
	MY			PI 20031460	April 18, 2003
	TH			082012	Not known yet
	TW			Not known yet	April 22, 2003
Display Retract Mechanism	Sn			10/273,237	October 17, 2002

CH02/22231497.1