

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Alcatel Lucent (formerly Alcatel)	04/05/2007
RECEIVING PARTY DATA	
Name:	Thales
Street Address:	45, rue de Villiers
City:	Neuilly sur Seine
State/Country:	FRANCE
Postal Code:	92
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10566397
CORRESPONDENCE DATA	
Fax Number:	(202)293-7860
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2026637926
Email:	kclark@sughrue.com
Correspondent Name:	David J. Cushing - Sughrue Mion PLLC
Address Line 1:	2100 Pennsylvania Avenue, N.W.
Address Line 2:	Suite 800
Address Line 4:	Washington, D.C, DISTRICT OF COLUMBIA 20037
ATTORNEY DOCKET NUMBER:	Q92824
NAME OF SUBMITTER:	David J. Cushing

Total Attachments: 25

source=AlcatelLucentoThalesAssignment#page1.tif
 source=AlcatelLucentoThalesAssignment#page2.tif
 source=AlcatelLucentoThalesAssignment#page3.tif
 source=AlcatelLucentoThalesAssignment#page4.tif

PATENT

REEL: 021986 FRAME: 0273

500731909

CH \$40.00 10566397

source=AlcatelLucentoThalesAssignment#page5.tif
source=AlcatelLucentoThalesAssignment#page6.tif
source=AlcatelLucentoThalesAssignment#page7.tif
source=AlcatelLucentoThalesAssignment#page8.tif
source=AlcatelLucentoThalesAssignment#page9.tif
source=AlcatelLucentoThalesAssignment#page10.tif
source=AlcatelLucentoThalesAssignment#page11.tif
source=AlcatelLucentoThalesAssignment#page12.tif
source=AlcatelLucentoThalesAssignment#page13.tif
source=AlcatelLucentoThalesAssignment#page14.tif
source=AlcatelLucentoThalesAssignment#page15.tif
source=AlcatelLucentoThalesAssignment#page16.tif
source=AlcatelLucentoThalesAssignment#page17.tif
source=AlcatelLucentoThalesAssignment#page18.tif
source=AlcatelLucentoThalesAssignment#page19.tif
source=AlcatelLucentoThalesAssignment#page20.tif
source=AlcatelLucentoThalesAssignment#page21.tif
source=AlcatelLucentoThalesAssignment#page22.tif
source=AlcatelLucentoThalesAssignment#page23.tif
source=AlcatelLucentoThalesAssignment#page24.tif
source=AlcatelLucentoThalesAssignment#page25.tif

EXECUTION COPY

PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is made as of April 5, 2007 by **Alcatel Lucent** (formerly named Alcatel), a French Company, having its registered office 54, rue La Boétie, 75008 Paris, France ("Assignor"), to **Thales**, a French Company having its registered office at 45, rue de Villiers, 92 Neuilly sur Seine, France ("Assignee").

RECITALS

- A. Assignor and Assignee have entered into an IP Agreement dated as of January 5th, 2007 (the "IP Agreement").
- B. Assignor owns the patents and patent applications as set forth on the Schedule attached hereto (the "Patents").
- C. Pursuant to the IP Agreement, Assignor desires to assign to Assignee all of Assignor's right, title and interest in the Patents.

AGREEMENT

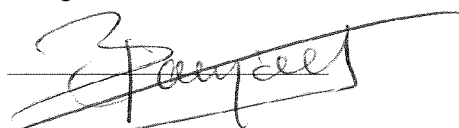
NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants and agreements contained in the IP Agreement and the covenants and agreements in this Assignment and to allow Assignee to consummate the transactions contemplated by the IP Agreement, Assignor agrees as follows:

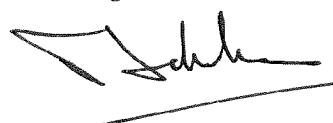
- 1. Assignor in its own name and in the name of the owner of the Patents does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest in and to the Patents (and regarding Patents that are patent applications, any patents that may issue therefrom), including any foreign counterparts, divisions, continuations or reissues thereof, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made.
- 2. Assignor in its own name and in the name of the owner of the Patents hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date first above written.

Assignor: Alcatel Lucent

Assignee: Thales


Date: 05 APRIL 2007



SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
017422	SYSTEME D'ANTENNE IMPRIMEE ACTIVE A HAUT RENDEMENT POUR RADAR SPATIAL AGILE	CA	NP	Grant	08/03/1991	2 037 841-7			20/09/1994	2 037 841		08/03/2011
		DE	EPA	Grant	04/03/1991	91 103 215-9			04/10/1995	0 445 694		04/03/2011
		FR	EPA	Grant	04/03/1991	91 103 215-9			04/10/1995	0 445 694		04/03/2011
		FR	NP	Abandoned	08/03/1990	90 03 027		2 659 501	31/07/1992	2 659 501	23/09/1996	
		GB	EPA	Grant	04/03/1991	91 103 215-9			04/10/1995	0 445 694		04/03/2011
		IT	EPA	Grant	04/03/1991	91 103 215-9			04/10/1995	0 445 694		04/03/2011
		JP	NP	Grant	08/03/1991	125 605/91			15/10/1999	2 991 528		08/03/2011
		SE	EPA	Grant	04/03/1991	91 103 215-9			04/10/1995	0 445 694		04/03/2011
		US	NP	Grant	06/03/1991	665212			27/04/1993	5206655		06/03/2011
		CA	NP	Grant	10/09/1990	2 024 992-7			26/07/1994	2 024 992		10/09/2010
		DE	EPA	Grant	10/09/1990	90 117 356-7			13/04/1994	0 426 972		10/09/2010
		FR	EPA	Grant	10/09/1990	90 117 356-7			13/04/1994	0 426 972		10/09/2010
		FR	NP	Abandoned	11/08/1989	89 11 829			13/04/1994	2 651 926	15/03/1995	
017423	ANTENNE PLANE	GB	EPA	Grant	10/09/1990	90 117 356-7			13/04/1994	0 426 972		10/09/2010
		IT	EPA	Grant	10/09/1990	90 117 356-7			13/04/1994	0 426 972		10/09/2010
		JP	NP	Grant	10/09/1990	236 777/90			09/07/1999	2 951 707		10/09/2010
		SE	EPA	Grant	10/09/1990	90 117 356-7			13/04/1994	0 426 972		10/09/2010
		US	NP	Abandoned	11/08/1980	580457					19/01/1994	
		CA	NP	Grant	08/03/1991	2 037 849-2			20/09/1994	2 037 849		08/03/2011
		DE	EPA	Grant	04/03/1991	91 103 216-7			20/12/1995	0 451 497		04/03/2011
		FR	EPA	Grant	04/03/1991	91 103 216-7			20/12/1995	0 451 497		04/03/2011
		FR	NP	Abandoned	09/03/1990	90 03 028		13/08/1991	15/05/1992	2 659 500	29/08/2002	
017671	PROCEDE DE FORMATION DU DIAGRAMME D'UNE AN TENNE ACTIVE A HAUT RENDEMENT POUR RADAR A BALAYAGE ELECTRONIQUE ET AN TENNE RIETTANT EN OEUVRE CE PROCEDE	GB	EPA	Grant	04/03/1991	91 103 216-7			20/12/1995	0 451 497		04/03/2011
		IT	EPA	National grant number	04/03/1991	91 103 216-7			20/12/1995	0 451 497		04/03/2011
		JP	NP	Grant	08/03/1991	125 606/91			03/04/1998	2 765 770		08/03/2011
		US	NP	Grant	06/03/1991	665202			23/05/1992	5124712		06/03/2011
		CA	NP	Grant	17/10/1991	2 053 643-8			21/03/1995	2 053 643		17/10/2011
		CH	NP	Abandoned	14/10/1991	91 117 514-9			14/08/1996	0 461 417	29/09/1997	
		DE	EPA	Grant	14/10/1991	91 117 514-9			14/08/1996	0 461 417		14/10/2011
		FR	EPA	Grant	14/10/1991	91 117 514-9			14/08/1996	0 461 417		14/10/2011
		FR	NP	Abandoned	18/10/1990	90 12 896		24/04/1992	04/12/1992	2 668 305	07/07/1997	
		GB	EPA	Grant	14/10/1991	91 117 514-9			14/08/1996	0 461 417		14/10/2011
		IT	EPA	Grant	14/10/1991	91 117 514-9			14/08/1996	0 461 417		14/10/2011
		JP	NP	Grant	18/10/1991	271 250/91			15/03/2002	3 268 059		18/10/2011
		SE	EPA	Grant	14/10/1991	91 117 514-9			14/08/1996	0 461 417		14/10/2011
		US	CNT	Grant	08/04/1993	08,044,113			18/07/2000	6091373		18/07/2017
		US	NP	Abandoned	18/10/1991	779240					19/01/1994	
		CA	NP	Abandoned	03/07/1991	2 046 111-0					25/09/1993	
		CH	NP	Abandoned	02/07/1991	91 110 948-6			18/10/1995	0 465 994		18/10/1995
		DE	EPA	Grant	02/07/1991	91 110 948-6			18/10/1995	0 465 994		02/07/2011
		FR	EPA	Grant	02/07/1991	91 110 948-6			18/10/1995	0 465 994		02/07/2011
		FR	NP	Abandoned	04/07/1990	90 08 491		10/01/1992	2 664 432	2 664 432	23/09/1995	
		GB	EPA	Grant	02/07/1991	91 110 948-6			19/10/1995	0 465 994		02/07/2011
		IT	EPA	Grant	02/07/1991	91 110 948-6			19/10/1995	0 465 994		02/07/2011
		JP	NP	Grant	04/07/1991	164 650/91			14/01/2000	3 220 312		04/07/2011
		US	NP	Grant	03/07/1991	725101			19/05/1993	5212452		03/07/2011
		DE	EPA	Grant	27/01/1992	92 101 287-8			05/04/1995	0 497 249		27/01/2012
		ES	EPA	Grant	27/01/1992	92 101 287-8			05/04/1995	0 497 249		27/01/2012
		FR	EPA	Grant	27/01/1992	92 101 287-8			05/04/1995	0 497 249		27/01/2012
		FR	NP	Abandoned	01/02/1991	91 01 153			17/08/1993	2 572 438	06/11/1995	
		GB	EPA	Grant	27/01/1992	92 101 287-8		07/08/1992	2 672 438	05/04/1995	0 497 249	27/01/2012
		IT	EPA	Grant	27/01/1992	92 101 287-8			05/04/1995	0 497 249		27/01/2012
		JP	NP	Abandoned	30/01/1992	015 489/92					22/11/1993	
		SE	EPA	Grant	27/01/1992	92 101 287-8			05/04/1995	0 497 249		27/01/2012
		US	NP	Grant	30/01/1992	07,628,012			03/03/1998	5724048		03/03/2015

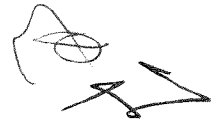
SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date	
018183	ARCHITECTURE DE CHARGE UTILE DANS LE DOMAINE SPATIAL	CA	NP	Grant	02/04/1992	2 064 943.7			01/04/1997	0 664 943		02/04/2012	
		DE	EPA	Grant	02/04/1992	92 400 927.7			06/03/1996	0 507 688		02/04/2012	
		FR	EPA	Grant	02/04/1992	92 400 927.7			06/03/1996	0 507 688		02/04/2012	
		FR	NP	Abandoned	08/04/1991	91 04 172			07/10/1994	2 674 997	2101/1997		
		GB	EPA	Grant	02/04/1992	92 400 927.7		08/10/1992	2 574 997	06/03/1996	0 507 688		02/04/2012
		JP	NP	Grant	03/04/1992	082 436/92			14/07/2000	3 089 088			03/04/2012
		US	NP	Grant	03/04/1992	863073			28/09/1993	524890			03/04/2012
		CA	NP	Abandoned	04/05/1992	2 067 932.8					25/06/1993		
		DE	EPA	Grant	05/05/1992	92 107 598.2				24/07/1996	0 512 487		06/05/2012
		FR	EPA	Grant	05/05/1992	92 107 598.2				24/07/1996	0 512 487		06/05/2012
018449	ANTENNA WITH A FORMED LOBE	FR	NP	Abandoned	08/05/1991	91 05 510	13/11/1992	2 676 310	05/11/1993	2 676 310	09/07/1997		
		GB	EPA	Grant	05/05/1992	92 107 598.2			24/07/1996	0 512 487		06/05/2012	
		IT	EPA	Grant	05/05/1992	92 107 598.2			24/07/1996	0 512 487		06/05/2012	
		JP	NP	Abandoned	08/05/1992	113 769/92					14/11/1994		
		US	NP	Abandoned	04/05/1992	878220					25/06/1993		
		CA	NP	Abandoned	23/06/1992	2 090 323					25/06/1993		
		DE	EPA	Grant	26/06/1992	92 401 820.3	30/12/1992	0 520 908	01/03/2000	0 520 908			26/06/2012
		FR	EPA	Grant	26/06/1992	92 401 820.3	30/12/1992	0 520 908	01/03/2000	0 520 908			26/06/2012
		FR	NP	Abandoned	28/06/1991	91 08 080	31/12/1992	2 678 438	03/09/1993	2 678 438	05/01/2001		
		GB	EPA	Grant	26/06/1992	92 401 820.3	30/12/1992	0 520 908	01/03/2000	0 520 908			26/06/2012
018627	LINEAR ARRAY ANTENNA	IT	EPA	Grant	26/06/1992	92 401 820.3	30/12/1992	0 520 908	01/03/2000	0 520 908		26/06/2012	
		JP	PCT	Abandoned	23/06/1992	501 360/93					25/06/1993		
		SE	EPA	Grant	26/06/1992	92 401 820.3	01/03/2000	0 520 908	01/03/2000	0 520 908		26/06/2012	
		US	PCT	Abandoned	25/02/1993	07990789					25/06/1993		
		WO	PCT	Abandoned	23/06/1992	PCT/FR92/0057					26/07/2002		
		DE	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656			16/11/2013
		FR	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656			16/11/2013
		FR	NP	Abandoned	16/11/1992	92 13 744	20/05/1994	2 698 212	30/12/1994	2 698 212	29/01/2002		
		GB	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656			16/11/2013
		IT	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656			16/11/2013
019002	RADIATING ELEMENT	SE	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656		16/11/2013	
		US	NP	Grant	16/11/1993	152380			18/07/1995	5434581			16/11/2013
		DE	EPA	Grant	07/10/1993	93 402 467.0	13/04/1994	0 592 316	17/05/2000	0 592 316		16/11/2013	
		FR	NP	Abandoned	08/10/1992	92 11 961	15/04/1994	2 696 890	04/11/1994	2 696 890	20/04/2001		
		FR	EPA	Grant	07/10/1993	93 402 467.0	13/04/1994	0 592 316	17/05/2000	0 592 316			16/11/2013
		IT	EPA	Grant	07/10/1993	93 402 467.0	13/04/1994	0 592 316	17/05/2000	0 592 316			16/11/2013
		US	NP	Grant	07/11/1995	09/554460			26/06/2001	5252590			08/10/2012
		US	NP	Abandoned	07/10/1993	132668					07/11/1995		
		DE	EPA	Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783			30/05/2014
		019147	DATA TRANS. INSIDE SATELLITE	ES	EPA	Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783	
FR	EPA			Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783		30/05/2014	
FR	NP			Abandoned	03/06/1993	93 06 660	09/12/1994	2 706 085	07/07/1995	2 706 085	24/08/1999		
GB	EPA			Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783			30/05/2014
IT	EPA			Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783			30/05/2014
SE	EPA			Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783			30/05/2014
US	NP			Grant	01/06/1994	252210			05/03/1996	5497164			01/06/2014
DE	EPA			Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844			18/08/2014
FR	EPA			Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844			18/08/2014
019764	MULTI-LEVEL COUPLED MICROSTRI P ANTENNA			FR	NP	Abandoned	23/08/1993	93 10 184	03/03/1995	2 709 380	22/09/1995	2 709 380	08/08/2000
		GB	EPA	Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783			30/05/2014
		IT	EPA	Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783			30/05/2014
		SE	EPA	Grant	30/05/1994	94 401 832.2	07/12/1994	0 627 783	14/10/1998	0 627 783			30/05/2014
		US	NP	Grant	01/06/1994	252210			05/03/1996	5497164			01/06/2014
		DE	EPA	Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844			18/08/2014
		FR	EPA	Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844			18/08/2014
		GB	EPA	Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844			18/08/2014
		IT	EPA	Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844			18/08/2014
		US	NP	Grant	16/08/1994	291713			29/07/1997	5652597			16/08/2014
020040	DOUBLE-BEAM ACTIVE ANTENNA	CA	NP	Grant	17/02/1995	2 142 769	19/08/1995	2 142 769	03/10/2000	2 142 769		17/02/2015	
		DE	EPA	Grant	15/02/1995	95 400 320.8	23/08/1995	0 658 682	31/01/2001	0 658 682		15/02/2015	
		FR	EPA	Grant	15/02/1995	95 400 320.8	23/08/1995	0 658 682	31/01/2001	0 658 682		15/02/2015	
		FR	NP	Abandoned	18/02/1994	94 01 876	25/08/1995	2 716 588	29/03/1995	2 716 588	27/12/2001		
		GB	EPA	Grant	15/02/1995	95 400 320.8	23/08/1995	0 658 682	31/01/2001	0 658 682			15/02/2015
		US	NP	Grant	15/02/1995	388820			10/09/1996	5555547			15/02/2015

Handwritten initials and date: 04/04/2007

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
020357	LCCAIZATION SYSTEM FOR SATELITE	DE	EPA	Grant	13/06/1995	95 401 368.6	20/12/1995	0 687 521	24/10/2001	0 687 521		13/05/2015
		FR	NP	Grant	16/06/1994	94 07 383	22/12/1995	2 721 410	26/07/1996	2 721 410		16/05/2014
		GB	EPA	Grant	13/06/1995	95 401 368.6	20/12/1995	0 687 521	24/10/2001	0 687 521		13/05/2015
		IT	EPA	Grant	13/06/1995	95 401 368.6	20/12/1995	0 687 521	24/10/2001	0 687 521		13/05/2015
		US	NP	Abandoned	10/10/1997	948485			12/01/1999	5859610		16/06/2014
		US	NP	Abandoned	15/09/1995	490571					23/12/1997	
		CA	NP	Grant	14/06/1996	2 178 997	15/12/1996	2 178 997	15/01/2002	2 178 997		14/06/2016
		DE	EPA	Grant	11/06/1996	95 401 258.7	18/12/1996	0 749 019	04/10/2001	0 749 019		11/06/2016
		FR	NP	Grant	15/06/1995	95 07 147	20/12/1996	2 735 582	11/07/1997	2 735 582		15/06/2015
		GB	EPA	Grant	11/06/1996	95 401 258.7	18/12/1996	0 749 019	04/10/2001	0 749 019		11/06/2016
		IT	EPA	Grant	11/06/1996	95 401 258.7	18/12/1996	0 749 019	04/10/2001	0 749 019		11/06/2016
		US	NP	Grant	14/05/1996	564174	13/11/1996	2 176 326	15/01/2002	2 176 326		14/06/2016
		CA	NP	Grant	10/05/1996	2 176 326	13/11/1996	2 176 326	15/01/2002	2 176 326		14/06/2016
		DE	EPA	Grant	10/05/1996	95 401 008.6	13/11/1996	0 742 603	01/10/2003	0 742 603		10/05/2016
		FR	EPA	Grant	10/05/1996	95 401 008.6	13/11/1996	0 742 603	01/10/2003	0 742 603		10/05/2016
		FR	NP	Abandoned	12/05/1995	9505672	15/11/1996	2 734 084	13/06/1997	2 734 084	27/08/2004	
		GB	EPA	Grant	10/05/1996	95 401 008.6	13/11/1996	0 742 603	01/10/2003	0 742 603		10/05/2016
		IT	EPA	Grant	10/05/1996	95 401 008.6	13/11/1996	0 742 603	01/10/2003	0 742 603		10/05/2016
		JP	NP	Grant	13/05/1996	117 984/96	13/12/1996	330 802/96	29/06/2001	3 204 905		13/05/2016
		US	NP	Grant	10/05/1996	08 644414	13/12/1996	330 802/96	05/03/1999	5880650		10/05/2016
		US	NP	Grant	11/02/1997	12 645/97	14/08/1997	2 197 487	15/01/2002	2 197 487	05/06/2002	
		CA	NP	Grant	12/02/1997	2 197 487	14/08/1997	2 197 487	15/01/2002	2 197 487		12/02/2017
		CN	NP	Grant	13/02/1997	97104863.0	03/12/1997	1166735A	08/10/2003	Z157104863.0		13/02/2017
		FR	EPA	Abandoned	10/02/1997	97450291.7			14/12/2005			
		FR	NP	Abandoned	29/02/1996	96 02 557	05/09/1997	2 745 673	17/04/1998	2 745 673		29/02/2016
		ID	NP	Abandoned	13/02/1997	P 97 0 416	21/08/1997	015 093				
		JP	NP	Grant	13/02/1997	039 286/97	05/09/1997	233 013/97	31/03/2000	3 050 529		13/02/2017
		NO	NP	Abandoned	11/02/1997	87 0 637						
		US	NP	Grant	13/02/1996	08 600709	13/02/1996	08 600709	27/10/1998	5828947		13/02/2016
		CA	NP	Abandoned	20/11/1997	2 219 831						
		EP	NP	Abandoned	17/11/1997	97402744.3						
		FR	EPA	Grant	21/11/1996	9614208	22/05/1998	2 750 133	17/06/1999	2 750 133		21/11/2016
		JP	NP	Publication of application	19/11/1997	316 559/97	26/06/1998	173124/98				
		US	NP	Grant	19/11/1997	972889			18/05/1999	5905635		18/11/2017
		CA	PCT	Grant	04/05/1998	2288009			12/07/2005	2288009		04/05/2018
		DE	EPT	Grant	04/05/1998	98 924 368.8	01/03/2000	0 981 837	26/03/2003	0 981 837		04/05/2018
		FR	EPT	Grant	04/05/1998	98 924 368.8	06/11/1998	2 762 937	11/06/1999	2 762 937	19/02/2004	
		FR	NP	Abandoned	05/05/1997	97 05 578						
		GB	EPT	Grant	04/05/1998	98 924 368.8	01/03/2000	0 981 837	26/03/2003	0 981 837		04/05/2018
		IT	EPT	Grant	04/05/1998	98 924 368.8	01/03/2000	0 981 837	26/03/2003	0 981 837		04/05/2018
		SE	EPT	Grant	04/05/1998	98 924 368.8	01/03/2000	0 981 837	26/03/2003	0 981 837		04/05/2018
		US	PCT	Grant	04/05/1998	09 403994			11/09/2001	6288673		04/05/2018
		CA	NP	Grant	01/05/1998	2234830			12/12/2006	2234830		01/05/2018
		DE	EPA	Grant	30/04/1998	98401066.0	04/11/1998	0876069	28/07/2004	0876069		30/04/2018
		FR	NP	Grant	30/04/1998	98401066.0	04/11/1998	0876069	28/07/2004	0876069		30/04/2018
		FR	NP	Abandoned	02/05/1997	97 05 448	06/11/1998	2 762 948	23/07/1999	2 762 948	01/06/2005	
		GB	EPA	Grant	30/04/1998	98401066.0	04/11/1998	0876069	28/07/2004	0876069		30/04/2018
		IT	EPA	Grant	30/04/1998	98401066.0	04/11/1998	0876069	28/07/2004	0876069		30/04/2018
		JP	NP	Publication of application	01/05/1998	122151/98	12/01/1999	8858/99				01/05/2018
		US	NP	Grant	01/05/1998	09/070873			16/05/2000	6064127		01/05/2018
		CA	NP	Abandoned	06/02/1998	2 226 419					07/01/2003	
		DE	EPA	Grant	09/02/1998	98400273.3	12/08/1998	0858108	01/12/2004	0858108		09/02/2018
		FR	EPA	Grant	09/02/1998	98400273.3	12/08/1998	0858108	01/12/2004	0858108		09/02/2018
		FR	NP	Grant	10/02/1997	97 01 481	14/08/1998	2 755 527	19/07/2002	2 755 527		10/02/2017
		GB	EPA	Grant	09/02/1998	98400273.3	12/08/1998	0858108	01/12/2004	0858108		09/02/2018
		JP	NP	Publication of application	10/02/1998	028 690/98	11/09/1998	242 382/98				10/02/2018
		US	NP	Grant	09/02/1998	09/020413			13/02/2001	6188128		09/02/2018
		CA	PCT	Grant	25/06/1998	2289007			23/08/2005	2289007		23/06/2018
		DE	EPT	Grant	25/06/1998	98 933 717.5	12/04/2000	0 992 080	30/01/2002	0 992 080		25/06/2018
		ES	EPT	Grant	25/06/1998	98 933 717.5	12/04/2000	0 992 080	30/01/2002	0 992 080		25/06/2018
		FR	NP	Grant	26/06/1997	97 08 011	31/12/1998	2 765 404	24/09/1999	2 765 404		26/06/2017
		GB	EPT	Grant	25/06/1998	98 933 717.5	12/04/2000	0 992 080	30/01/2002	0 992 080		25/06/2018
		IT	EPT	Grant	25/06/1998	98 933 717.5	12/04/2000	0 992 080	30/01/2002	0 992 080		25/06/2018
		US	PCT	Grant	25/06/1998	09/424901			09/01/2001	6172649		25/06/2018



SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
101155	ITERATIVE DECODING OF PRODUCT CODES	AU	PCT	Abandoned	29/04/1999	35 256/99					05/06/2002	
		BR	PCT	Abandoned	29/04/1999	P1 99 06 417-0	11/07/2000	P1 99 06 417-0			30/06/2000	
		CN	PCT	Abandoned	29/04/1999	99800667 X	13/09/2000	1266555A			30/06/2000	
		EP	EPT	Publication of application	29/04/1999	99916954.3	26/04/2000	0995272				29/04/2019
		FR	NP	Grant	04/05/1998	98 05 612	05/11/1999	2 778 289	09/06/2000	2 778 289		04/05/2018
		HK	NP	Abandoned	29/04/1999	00 103 014.6					30/06/2000	
		ID	PCT	Abandoned	29/04/1999	W2000 0001					30/06/2000	
		JP	PCT	Publication of application	29/04/1999	554 988/99	26/03/2002	2002-509580				29/04/2019
		KR	PCT	Abandoned	29/04/1999	10-2000-7000037					30/06/2000	
		MX	PCT	Abandoned	29/04/1999	00 00 95					30/06/2000	
		SG	PCT	Abandoned	29/04/1999	99 06 388-5					30/06/2000	
		US	PCT	Grant	29/04/1999	09/446152			01/10/2002	6460162		29/04/2019
		CA	NP	Grant	08/03/1999	2262848	23/09/1999	2262848	19/12/2006	2262848		09/03/2019
101160	PULSE COMPRESSION RADAR	EP	EPA	Publication of application	18/03/1999	99400660.5	29/09/1999	0945739				18/03/2019
		FR	NP	Grant	23/03/1998	98 03 529	24/09/1999	2 776 392	28/04/2000	2 776 392		23/03/2018
		US	NP	Grant	23/03/1999	09/274471			23/05/2000	6067043		23/03/2019
		CA	NP	Publication of application	25/03/1999	2 264 329	30/09/1999	2 264 329				25/03/2019
101207	MULTIPLE POWER DOWNLINK EMITTER FOR SATELLITE	EP	EPA	Publication of application	29/03/1999	99400753.2	06/10/1999	0948146				29/03/2019
		FR	NP	Grant	30/03/1998	98 03 897			11/09/2000	2 776 868		30/03/2018
		US	NP	Grant	29/03/1999	09/280668	01/10/1999	2 776 868	05/09/2002	6430392		29/03/2019
		CA	NP	Abandoned	19/10/1999	2 266 432					11/10/2004	
		EA	NP	Grant	28/10/1999	1999 008840			29/02/2002	002 207		25/10/2019
		FR	NP	Grant	25/10/1999	99402637.5	03/05/2000	0998183	12/01/2005	0998183		29/10/2018
		FR	NP	Grant	29/10/1998	98 13 581	05/05/2000	2 785 446	15/12/2000	2 785 446		25/10/2019
		IT	EPA	Grant	25/10/1999	99402637.5	03/05/2000	0998183	12/01/2005	0998183		25/10/2019
101224	PIEGE ADAPTABLE DE PLASMA IONISE POUR PROTECTION HAUTE TENSION	KZ	EAB	Grant	28/10/1999	1999 008840			29/02/2002	002267		28/10/2019
		RU	EAB	Grant	28/10/1999	1999 008840			29/02/2002	001167		28/10/2019
		US	NP	Grant	29/10/1999	09/429949			11/02/2003	6518995		29/10/2019
		CA	PCT	Abandoned	04/02/1999	2 285 644					22/05/2003	
		FR	NP	Grant	05/02/1998	98 01 338	06/08/1999	2 774 543	04/09/2000	2 774 543		05/02/2018
		GB	EPA	Grant	04/02/1999	99 400 251.7	18/06/1999	0 936 823	22/10/2003	0 936 823		04/02/2019
		IT	EPA	Grant	04/02/1999	99 400 251.7	18/06/1999	0 936 823	22/10/2003	0 936 823		04/02/2019
		NO	PCT	Abandoned	04/02/1999	1999 4830					21/07/2000	
		US	PCT	Grant	04/02/1999	09/402251			14/09/2004	6791978		04/02/2019
		CA	NP	Publication of application	23/12/1999	2 296 204	30/06/2000	2 296 204				23/12/2019
		DE	EPA	Grant	23/12/1999	99403261.3	05/07/2000	1017189	02/08/2006	1017189		23/12/2019
		FR	EPA	Grant	23/12/1999	99403261.3	05/07/2000	1017189	02/08/2006	1017189		23/12/2019
		FR	NP	Grant	31/12/1998	98 16 713	07/07/2000	2 788 179	20/06/2003	2 788 179		31/12/2018
		GB	EPA	Grant	23/12/1999	99403261.3	05/07/2000	1017189	02/08/2006	1017189		23/12/2019
		US	NP	Grant	23/12/1999	09/471281			01/03/2005	6862259		23/12/2019
		AU	NP	Abandoned	09/03/1999	19518/99			09/06/2002	747 128		05/05/2002
		CA	NP	Abandoned	05/02/1999	2 259 547	19/09/1999	2 259 547			12/12/2003	
		CN	NP	Abandoned	19/03/1999	99104139.9	29/01/2000	1242647A			21/07/2000	
		EA	NP	Abandoned	18/03/1999	1999-00214	29/10/1999	1999-00214			21/07/2000	
		EP	EPA	Publication of application	01/03/1999	99400486.9	22/09/1999	0944115				01/03/2019
		FR	NP	Grant	19/03/1998	98 03 355	24/09/1999	2 776 435	29/04/2000	2 776 435		15/03/2018
		ID	NP	Abandoned	17/03/1999	P-99 0228	23/09/1999	P-99 0228			21/07/2000	
		JP	NP	Publication of application	05/03/1999	58883/99	29/10/1999	296265/99				05/03/2019
		NO	NP	Abandoned	18/03/1999	1999-1319					21/07/2000	
		US	NP	Grant	18/03/1999	09/271871			19/09/2000	6171833		18/03/2019
		CA	NP	Grant	06/12/1999	2 291 513	07/06/2000	2 291 513	14/10/2003	2 291 513		06/12/2019
		EP	EPA	Publication of application	06/12/1999	99403035.1	14/06/2000	1008173				06/12/2019
		FR	NP	Grant	07/12/1998	98 15 397	06/09/2000	2 790 631	04/05/2001	2 790 631		07/12/2018
101505	FAULT-TOLERANT SWITCHING NETWORK	US	NP	Grant	06/12/1999	09/455489			16/04/2002	6373151		06/12/2019

04/04/2007

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
101894	SATELLITE CONTROL RECEIVER WITH HIGH AND LOW B.T	DE	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		FR	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		FR	NP	Grant	28/11/1999	9914973	01/09/2001	2801747	08/09/2006	2801747		29/11/2019
		GB	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		IT	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		JP	NP	Publication of application	28/11/2000	2000-361 005	10/09/2001	2001-217 765				28/11/2020
		LU	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		NL	EPA	Grant	09/11/2000	00403113.4			01/03/2006	1104120		09/11/2020
		US	NP	Grant	14/11/2000	09/710887			07/12/2004	6829310		14/11/2020
		FR	NP	Abandoned	04/11/1999	99 13 797					29/09/2000	
		US	CNT	Grant	22/04/2002	10/126660				26/11/2002	6484972	04/11/2019
		US	NP	Abandoned	20/09/2000	09/566387					28/08/2002	
		CA	NP	Abandoned	10/12/2002	2 321 359	04/05/2001	2 321 359			04/10/2005	
		EP	NP	Abandoned	09/10/2003	004027765.9	09/05/2001	1097855			03/11/2006	
101984	PYROTECHNIC SHOCK ABSORBER.	FR	NP	Grant	04/11/1995	99 13 798	11/05/2001	2 800 708	25/01/2002	2 800 708		04/11/2019
		JP	NP	Publication of application	02/11/2000	2000-335 831	17/07/2001	2001-191 958				02/11/2020
		US	NP	Grant	03/11/2000	09/704702	12/11/2000	2 308 864	26/11/2002	6485213	03/05/2005	03/11/2020
		CA	NP	Abandoned	09/05/2000	2 308 864						
101998	SYSTEME OPTIQUE A FAIBLE TAUX DE LUMIERE PARASITE MUNI D'UN DISPOSITIF OPTIQUE D'HARMONISATION D'AXE	EP	EPA	Publication of application	11/05/2000	00401291.0	15/11/2000	1052476				11/05/2020
		FR	NP	Grant	12/05/1999	99 06 100	17/11/2000	2 793 559	27/07/2001	2 793 559		12/05/2019
		JP	NP	Publication of application	12/05/2000	2000-140 848	15/12/2000	2000-347 081				12/05/2020
		US	NP	Grant	10/05/2000	09/567441			22/01/2002	6341014		10/05/2020
		BE	EPA	Grant	09/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
		DE	EPA	Grant	09/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
		FR	NP	Grant	09/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
		FR	NP	Grant	11/03/1999	99 02 995	15/09/2000	2 790 731	08/06/2001	2 790 731		11/03/2019
		GB	EPA	Grant	09/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
		IT	EPA	Grant	09/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
		JP	NP	Publication of application	10/03/2000	2000-65903	10/10/2000	2000-281 300				10/03/2020
		NL	EPA	Grant	09/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
		US	NP	Grant	11/02/2000	09/502233			25/12/2001	6332591		11/02/2020
		CA	NP	Publication of application	29/02/2000	2 299 650	04/09/2000	2 299 660				29/02/2020
		DE	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		FR	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		FR	NP	Grant	04/03/1999	99 02 684	08/09/2000	2 790 526	12/10/2001	2 790 526		04/03/2019
		GB	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		IT	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		NL	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		US	NP	Grant	01/03/2000	09/516514			31/12/2002	6500517		01/03/2020
		EP	EPA	Abandoned	16/07/2001	01401903.8	30/01/2002	1176452			04/05/2005	
		FR	NP	Grant	27/07/2000	00 09 835	01/02/2002	2 812 406	17/01/2003	2 812 406		27/07/2020
		IL	NP	Abandoned	19/07/2001	144 457					12/12/2003	
		CA	NP	Grant	04/08/1999	607 652			24/05/1994	1 329 691		24/05/2011
		DE	EPA	Grant	07/08/1999	89 402 227.6			15/07/1992	0 354 837		07/08/2009
		ES	NP	Grant	07/08/1999	89 402 227.6			15/07/1992	0 354 837		07/08/2009
		FR	NP	Grant	08/08/1998	88 10 695	09/02/1990	2 635 077	09/11/1990	2 635 077		09/08/2008
		GB	EPA	Grant	07/08/1999	89 402 227.6			15/07/1992	0 354 837		07/08/2009
		IT	EPA	Grant	07/08/1999	89 402 227.6			15/07/1992	0 354 837		07/08/2009
		JP	NP	Grant	08/08/1999	205 568 689			21/05/1999	2 591 530		09/08/2009
		NL	EPA	Grant	07/08/1999	89 402 227.6			15/07/1992	0 354 837		07/08/2009
		SE	EPA	Abandoned	07/08/1999	89 402 227.6			15/07/1992	0 354 837		07/08/2009
		US	NP	Grant	31/07/1999	387 556			11/07/1992	5086541		31/07/2009

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
102158	SATELLITE DE TYPE GEOSTATIONNAIRE A SYSTEME DE MANOEUVRE D'APOGEE A ERGOLS LIQUIDES ET A PUSSEURS TUYERES	CA	NP	Abandoned	25/02/1991	2 037 005	27/08/1991	2 037 005	10/11/1993	0 445 011	12/10/2000	22/02/2011
		DE	EPA	Grant	22/02/1991	91 400 489 0			10/11/1993	0 445 011	11/02/1999	22/02/2011
		ES	EPA	Abandoned	22/02/1991	91 400 489 0			10/11/1993	0 445 011		
		FR	EPA	Grant	22/02/1991	91 400 489 0			03/07/1992	2 658 782	17/06/1999	22/02/2011
		NP	NP	Abandoned	26/02/1990	90 02 356	30/08/1991	2 658 782				
		GB	EPA	Grant	22/02/1991	91 400 489 0			10/11/1993	0 445 011	11/02/1999	22/02/2011
		IT	EPA	Abandoned	22/02/1991	91 400 489 0			10/11/1993	0 445 011		
		JP	NP	Grant	26/02/1991	1 4 208 91			25/08/2000	3 102 578	11/02/1999	26/02/2011
		NL	EPA	Abandoned	22/02/1991	91 400 489 0			10/11/1993	0 445 011	11/02/1999	22/02/2011
		SE	EPA	Abandoned	22/02/1991	91 400 489 0			10/11/1993	0 445 011	09/07/1999	22/02/2011
		US	CNT	Abandoned	08/09/1994	08/330288						
		US	CNT	Abandoned	21/10/1998	09/176712						
		US	CNT	Grant	08/09/1999	09/391554						
		US	NP	Abandoned	21/02/1991	07/659515						
		CA	NP	Abandoned	25/02/1991	2 037 008	27/08/1991	2 037 008			08/09/1994	
		DE	EPA	Grant	22/02/1991	91 400 488 2			22/09/1993	0 445 010	12/10/2000	22/02/2011
		ES	EPA	Abandoned	22/02/1991	91 400 488 2			22/08/1993	0 445 010	11/02/1999	
		FR	EPA	Grant	22/02/1991	91 400 488 2			22/09/1993	0 445 010		
		FR	NP	Abandoned	26/02/1990	90 02 367	30/08/1991	2 658 783	03/07/1992	2 658 783	17/06/1999	
102160	SATELLITE DE TYPE GEOSTATIONNAIRE A SYSTEME DE MANOEUVRE D'APOGEE A ERGOLS LIQUIDES ET A ANTENNES CREUSES	GB	EPA	Grant	22/02/1991	91 400 488 2			22/09/1993	0 445 010	11/02/1999	22/02/2011
		IT	EPA	Abandoned	22/02/1991	91 400 488 2			22/09/1993	0 445 010		
		JP	NP	Grant	26/02/1991	30 954/91	02/03/1993	5 50 996	20/10/2000	3 122 147	12/10/2000	26/02/2011
		NL	EPA	Abandoned	22/02/1991	91 400 488 2			22/09/1993	0 445 010	11/02/1999	
		SE	EPA	Abandoned	22/02/1991	91 400 488 2			22/08/1993	0 445 010	11/02/1999	
		US	NP	Abandoned	21/02/1991	659006			08/12/1992	5169094	12/10/2000	
		DE	EPA	Grant	22/11/2000	00403253.8	30/05/2001	1104124	11/10/2006	1104124		22/11/2020
		FR	EPA	Grant	22/11/2000	00403253.8	30/05/2001	1104124	11/10/2006	1104124		22/11/2020
		FR	NP	Grant	29/11/1999	99 14 974	01/06/2001	2 801 748	08/02/2002	2 801 748		29/11/2019
102185	PAYLOAD FOR CONNECTING URBAN AREAS SATELLITE	GB	EPA	Grant	22/11/2000	00403253.8	30/05/2001	1104124	11/10/2006	1104124		22/11/2020
		JP	NP	Publication of application	21/11/2000	2000-354 186	19/07/2001	2001-196 992				21/11/2020
		US	NP	Filing	28/11/2000	09/722299						28/11/2020
		CA	NP	Abandoned	24/05/2001	23-88802	08/12/2001	2 348 802			09/02/2006	
		EP	EPA	Abandoned	21/05/2001	01-01320.5	12/12/2001	1162650			09/02/2006	
		FR	NP	Abandoned	08/08/2000	00 07 352	14/12/2001	2 810 192			09/02/2006	
		JP	NP	Abandoned	07/06/2001	2001-172970	22/02/2002	2002-58912			09/02/2006	
		US	NP	Grant	29/05/2001	09/865720	13/12/2001	20010050430	22/06/2004	6754405		26/05/2021
		CA	NP	Abandoned	19/12/2000	2 328 395	23/06/2001	2 328 395			08/12/2005	
		EP	EPA	Publication of application	14/12/2000	00403322.6	27/06/2001	1111789				14/12/2020
102273	EQUAL PATCH SWITCH MATRIX	FR	NP	Grant	23/12/1999	99 16 333	29/06/2001	2 803 147	06/12/2002	2 903 147		23/12/2019
		JP	NP	Publication of application	20/12/2000	2000-386 883	07/09/2001	2001-244 701				26/12/2020
		US	NP	Grant	19/12/2000	09/739286	05/07/2001	20010006310	26/08/2003	6651070		19/12/2020
		DE	NP	Grant	23/09/1994	P 44 34 109.1	30/03/1995	P 44 34 109.1	10/11/2005	4434109		23/09/2014
		FR	NP	Grant	20/09/1994	93 11 340			15/12/1995	2 710 314		23/09/2013
		GB	NP	Grant	20/09/1994	94 19065.9			16/04/1997	2 282 114		20/09/2014
		US	NP	Grant	15/09/1994	68/306801			05/08/1997	5653407		15/09/2014
		DE	NP	Publication of application	22/12/1994	P 44 46 125 9	29/06/1995	P 44 46 125 9				22/12/2014
		FR	NP	Grant	27/12/1993	93 15 684			22/03/1996	2 714 357		27/12/2013
		GB	NP	Grant	23/12/1994	9426130.2			11/03/1998	2 285 521		23/12/2014
		US	NP	Grant	23/12/1994	363370			10/12/1996	5582369		23/12/2014
		FR	NP	Grant	08/12/1994	94 14 769	14/06/1996	2 727 934	07/03/1997	2 727 934		08/12/2014
		US	NP	Grant	05/12/1995	68/567331			21/04/1998	5742254		05/12/2015
		DE	EPA	Grant	17/04/1996	96 400 817.1	23/10/1996	0 738 656	25/10/2000	0 738 656		17/04/2016
		ES	EPA	Grant	17/04/1996	96 400 817.1	23/10/1996	0 738 656	25/10/2000	0 738 656		17/04/2016
		FR	NP	Grant	19/04/1995	95 04 642			11/07/1997	2 733 286		19/04/2016
		GB	EPA	Grant	17/04/1996	96 400 817.1	23/10/1996	0 738 656	25/10/2000	0 738 656		17/04/2016
		IT	EPA	Grant	17/04/1996	96 400 817.1	23/10/1996	0 738 656	25/10/2000	0 738 656		17/04/2016
		US	NP	Grant	05/04/1996	628517			03/03/1998	5722510		05/04/2016
		CA	NP	Abandoned	15/07/1997	2 210 514	16/07/1998	2 210 514			05/05/1999	
		DE	EPA	Grant	30/06/1997	97 401 514.1	21/03/1998	0 819 962	27/08/2003	0 819 962		30/06/2017
		ES	EPA	Grant	30/06/1997	97 401 514.1	21/03/1998	0 819 962	27/08/2003	0 819 962		30/06/2017
		FR	NP	Grant	16/07/1996	96 08 848			11/09/1998	2 751 430		16/07/2016
		GB	EPA	Grant	30/06/1997	97 401 514.1	21/03/1998	0 819 962	27/08/2003	0 819 962		30/06/2017
		IT	EPA	Grant	30/06/1997	97 401 514.1	21/03/1998	0 819 962	27/08/2003	0 819 962		30/06/2017
		US	NP	Grant	16/07/1997	68/895022			12/01/1999	5859231		16/07/2017

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
102291	SATELLITE GESTIONNAIRE STABILISE TROIS AXES A CONTROLE THERMIQUE PERFECTIONNE	CN	PCT	Abandoned	06/02/1998	98802427.6	09/03/2000	124683.1A	16/04/1999		12/10/2000	10/02/2017
		EP	PCT	Abandoned	06/02/1998	98400251.3	12/08/1998	0857650		2 752 345	08/04/2004	
		FR	NP	Grant	10/02/1997	97 01 471	14/08/1998	2 759 345				
		JP	PCT	Abandoned	06/02/1998	10-533 885					05/11/2003	
		RU	PCT	Abandoned	06/02/1998	99 1 593.14					2012/2002	
		US	PCT	Abandoned	06/02/1998	09/241318						
		CN	NP	Abandoned	26/06/1998	98115607.X				6241.93		06/02/2018
		DE	EPA	Grant	03/05/1998	98 401 320.1	31/12/1998	2 765 190		0 887 260	12/10/2000	03/06/2018
		FR	NP	Grant	26/05/1997	97 08 007				2 765 190		26/06/2017
		GB	EPA	Grant	03/05/1998	98 401 320.1				0 887 260		03/06/2018
		IT	EPA	Grant	03/05/1998	98 401 320.1				0 887 260		03/06/2018
		JP	NP	Abandoned	24/06/1998	10-177 537					30/05/2005	
		US	NP	Grant	25/06/1998	09/104159						25/06/2018
		CA	PCT	Abandoned	22/01/1999	2 318 045				619993.1	12/12/2003	
		DE	EPT	Grant	22/01/1999	99 900 985.5	08/11/2000	1 049 950		1 649 950		22/01/2019
		FR	NP	Grant	22/01/1999	99 900 985.5	08/11/2000	1 049 950		1 649 950		22/01/2019
		GB	NP	Grant	22/01/1999	98 00 663				2 773 890		22/01/2019
		IT	EPT	Grant	22/01/1999	99 900 985.5	08/11/2000	1 049 950		1 649 950		22/01/2019
		JP	PCT	Grant	22/01/1999	99 900 985.5	08/11/2000	1 049 950		1 649 950		22/01/2019
		US	PCT	Grant	22/01/1999	2000-52889.1						
		AT	EPT	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447		640232.9		02/04/2019
		CA	PCT	Grant	02/04/1999	2324866				1 068 447		02/04/2019
		DE	EPT	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447		1 068 447		02/04/2019
		FR	NP	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447		1 068 447		02/04/2019
		GB	NP	Abandoned	06/04/1998	98 04 242					04/08/2004	
		FR	NP	Abandoned	07/04/1999	99 911 867.2						
		GB	EPT	Grant	07/04/1999	99 911 867.2	17/01/2001	1 068 447		1 068 447		02/04/2019
		IT	PCT	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447		1 068 447		02/04/2019
		JP	EPT	Grant	02/04/1999	2000-54257.5						
		SE	EPT	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447		1 068 447		02/04/2019
		US	PCT	Grant	02/04/1999	09/617839						
		CA	NP	Abandoned	22/03/1999	2 266 611					05/11/2003	
		DE	EPA	Grant	23/03/1999	99 400 709.4	20/10/1999	0 950 910		0 950 910		23/03/2019
		FR	NP	Grant	26/03/1998	98 03 748				2 776 783		26/03/2018
		GB	EPA	Grant	23/03/1999	99 400 709.4	20/10/1999	0 950 910		0 950 910		23/03/2019
		IT	EPA	Grant	23/03/1999	99 400 709.4	20/10/1999	0 950 910		0 950 910		23/03/2019
		JP	NP	Abandoned	25/03/1999	81652/99					25/02/2006	
		US	NP	Grant	25/03/1999	09/276492				6199988		25/03/2019
		CA	NP	Publication of application	05/12/2000	2327371	09/06/2001	2 327 371				05/12/2020
		CN	NP	Abandoned	06/12/2000	00135293.8	27/06/2001	1301057A			16/09/2002	
		EP	EPA	Publication of application	07/12/2000	00403428.6	13/06/2001	1107359				07/12/2020
		FR	NP	Grant	09/12/1999	99 15 527	15/06/2001	2 802 381		2 802 381		09/12/2019
		JP	NP	Publication of application	06/12/2000	2000-371 016	07/09/2001	2001-244 730				06/12/2020
		US	NP	Grant	07/12/2000	09/730832	14/06/2001	20010003444				07/12/2020
		CH	EPA	Grant	12/02/1996	56 400 286.9	04/09/1996	0 729 885		542431.2		12/02/2015
		DE	EPA	Grant	12/02/1996	56 400 286.9	04/09/1996	0 729 885		0 729 885		12/02/2015
		FR	EPA	Grant	12/02/1996	56 400 286.9	04/09/1996	0 729 885		0 729 885		12/02/2015
		GB	NP	Abandoned	02/03/1996	95 02 418					22/09/2000	
		GB	EPA	Abandoned	12/02/1996	04/09/1996					12/10/2000	
		IT	EPA	Grant	12/02/1996	56 400 286.9	04/09/1996	0 729 885		0 729 885		12/02/2015
		JP	NP	Abandoned	01/03/1996	44 654/96					12/10/2000	
		US	NP	Grant	29/02/1996	08/609757	24/09/1996	8 247 182				29/02/2015
		CA	PCT	Abandoned	21/05/1997	2 256 026					23/04/2002	
		DE	EPT	Grant	21/05/1997	97 925 110.5	03/03/1999	0 898 551		0 898 551		21/05/2017
		FR	NP	Grant	22/05/1996	96 06 345	28/11/1987	2 748 987		2 748 987		22/05/2015
		GB	EPT	Grant	21/05/1997	97 925 110.5	03/03/1999	0 898 551		0 898 551		21/05/2017
		JP	PCT	Abandoned	21/05/1997	9 541718	29/08/2000	2000-511 131			23/04/2002	
		US	PCT	Grant	21/05/1997	09/194157						21/05/2017
		DE	NP	Publication of application	27/07/2000	100 36 529.9	15/02/2001	DE 100 36 529				27/07/2020
		FR	NP	Grant	09/08/1999	99 10 313	16/02/2001	2 797 477		2 797 477		09/08/2019
		US	NP	Grant	23/06/2000	09/599508				6351048		23/06/2020
		DE	NP	Publication of application	27/07/2000	100 36 526.4	15/02/2001	DE 100 36 526				27/07/2020
		FR	NP	Grant	09/08/1999	99 10 314	16/02/2001	2 797 478		2 797 478		09/08/2019
		US	NP	Grant	23/06/2000	09/599855				6384506		23/06/2020
		BE	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215		1079215		21/08/2020
		CH	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215		1079215		21/08/2020
		DE	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215		1079215		21/08/2020
		FR	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215		1079215		21/08/2020
		FR	NP	Abandoned	26/08/1989	9910902	02/03/2001	2 797 949		16/10/2001	09/11/2005	21/08/2020
		GB	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215		1079215		21/08/2020
		IT	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215		1079215		21/08/2020
		NL	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215		1079215		21/08/2020

04/04/2017


SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
102399	SPACE GYRO	EP	EPA	Publication of application	22/06/2000	00401784.4	10/01/2001	1067446				22/06/2020
		FR	NP	Grant	08/07/1999	99 08 841	12/01/2001	2 796 172	21/09/2001	2 795 172		08/07/2019
		US	NP	Grant	30/05/2000	09/507956	31/12/2002	6499699	31/12/2002	6499699		30/06/2020
102536	SPACE BASED WIND LIDAR	EP	EPA	Publication of application	30/07/2001	01402060.6	06/02/2002	1178334	04/06/2004	2 812 726		30/07/2021
		FR	NP	Grant	02/08/2000	03 10 190	09/02/2002	2 812 726				02/08/2020
		JP	NP	Publication of application	01/09/2001	2001-233 082	22/05/2002	2002-148338				01/08/2021
		US	NP	Grant	01/03/2001	09/918502	28/03/2002	200200935766	21/10/2003	6634600		01/08/2021
		CA	NP	Publication of application	08/01/2001	2332381	12/07/2001	2 332 381				08/01/2021
102656	COMPOSITE MULTIMODE DIELECTRIC RESONATOR	EP	EPA	Publication of application	11/01/2001	01400061.6	18/07/2001	1117146				11/01/2021
		FR	NP	Grant	12/01/2000	00 00 312	13/07/2001	2 803 693	20/06/2003	2 803 693		12/01/2020
		JP	NP	Publication of application	10/01/2001	2001-1058	07/09/2001	2001-244 712				10/01/2021
		US	NP	Grant	03/01/2001	09/754342	12/07/2001	20017439	08/10/2002	6462634		05/01/2021
102730	PASSIVE ELLIPTIQUE SHADE COOLER	EP	EPA	Publication of application	24/09/2001	01402442.6	02/05/2002	1202034				24/09/2021
		FR	NP	Grant	31/10/2000	00 13 999	03/05/2002	2 816 038	17/01/2003	2 816 038		31/10/2020
		JP	NP	Abandoned	30/10/2001	2001-332 735	02/05/2002	20020050340	15/07/2003	6592079	05/11/2001	16/10/2021
		US	NP	Grant	19/10/2001	09/977307	27/06/2001	1111788				03/01/2021
102823	FLY WHEEL AND GYROSCOPE FOR SATELLITE	DE	NP	Filing	03/01/2001	101 00 023.5						
		FR	NP	Grant	10/01/2000	00 00 218	13/07/2001	2 803 578	05/04/2002	2 803 578		10/01/2020
		US	NP	Grant	04/01/2001	09/753610	12/07/2001	2001007340	03/09/2002	6443388		04/01/2021
102941	MOTORISATION OF EARTH SIDE OF GEOSATELLITE	FR	EPA	Grant	20/09/2001	01402415.2	24/04/2002	1199250	29/12/2004	1199250		20/09/2021
		FR	NP	Abandoned	16/10/2000	0613211	19/04/2002	2 815 323	31/01/2003	2815323		
		US	NP	Abandoned	15/10/2001	09/975996	29/08/2002	20020119750				01/12/2005
		CA	NP	Abandoned	04/12/2000	2327287	23/06/2001	2327287				19/11/2005
102970	EQUAL PATH SWITCH MATRIX	EP	EPA	Publication of application	04/12/2000	00403388.2	27/06/2001	1111788				04/12/2020
		FR	NP	Grant	23/12/1999	99 16 334	29/06/2001	2 803 141	31/05/2002	2 803 141		23/12/2019
		JP	NP	Publication of application	22/12/2000	2000-350 558	07/09/2001	2001-244 702				22/12/2020
		US	NP	Grant	18/12/2000	09/737650	03/07/2001	20010006361	10/12/2002	6492882		18/12/2020
		CA	NP	Publication of application	26/06/2001	2 351 505	13/01/2002	2 351 505				26/06/2021
103006	SATELLITE RESSOURCE MANAGEMENT	EP	EPA	Publication of application	14/06/2001	01401551.5	16/01/2002	1172948				14/06/2021
		FR	NP	Publication of application	13/07/2000	00 09 198	18/01/2002	2 811 841	17/01/2002	2 811 841		13/07/2020
		JP	NP	Publication of application	12/07/2001	2001-212 449	19/04/2002	2002-118 599				12/07/2021
		US	NP	Grant	12/07/2001	09/992752	24/01/2002	20020009032	28/11/2006	7142522		12/07/2021
103096	LOW COST WIDEBAND LINEARISER	EP	EPA	Publication of application	21/11/2002	0292889.9	18/06/2003	1320190				21/11/2022
		FR	NP	Grant	06/12/2001	01 15 774	13/06/2003	2 833 431	17/12/2004	2 833 431		06/12/2021
		US	NP	Grant	04/12/2002	10/309172	26/06/2003	20030117216	07/09/2004	6788139		04/12/2022
		EP	EPA	Publication of application	26/07/2001	01402022.6	30/01/2002	1176387				26/07/2021
103171	INTERFEROMETRIC RECOMBINATION	FR	NP	Grant	27/07/2000	00 09 834	01/02/2002	2 812 408	03/10/2003	2 812 408		27/07/2020
		JP	NP	Publication of application	27/07/2001	2001-228 329	09/05/2002	2002-131 014				27/07/2021
		US	NP	Grant	20/12/2001	01403326.0	21/02/2002	20020021446	13/07/2004	6762843		20/12/2021
103192	GYRO COMMAND LAW FOR AGILE SATELLITES	EP	EPA	Publication of application	15/01/2001	01 00 462	19/07/2002	2 819 597	11/04/2003	2 819 597		15/01/2021
		CA	NP	Publication of application	28/06/2001	2 351 793	10/02/2002	2 351 793				28/06/2021
103214	2 FOR 1 REDUNDANCY WITHOUT SWITCH	EP	EPA	Publication of application	28/06/2001	01401723.0	06/03/2002	1184932				28/06/2021
		FR	NP	Grant	10/08/2000	00 10 527	15/02/2002	2 812 974	31/01/2003	2 812 974		10/08/2020
		JP	NP	Publication of application	03/08/2001	2001-235 898	17/05/2002	2002-141712				03/08/2021
		US	NP	Grant	05/07/2001	09/698065	14/03/2002	20020030553	03/06/2003	5678310		05/07/2021
		DE	EPA	Grant	20/12/2001	01 403 327.8	17/07/2002	1 223 701	18/02/2004	1 223 701		20/12/2021
		FR	EPA	Grant	20/12/2001	01 403 327.8	17/07/2002	1 223 701	18/02/2004	1 223 701		20/12/2021
		FR	NP	Abandoned	15/01/2001	01 00 464	19/07/2002	2 819 597				03/01/2005
		GB	EPA	Grant	20/12/2001	01 403 327.8	17/07/2002	1 223 701	18/02/2004	1 223 701		20/12/2021
		IT	EPA	Grant	20/12/2001	01 403 327.8	17/07/2002	1 223 701	18/02/2004	1 223 701		20/12/2021
		US	NP	Grant	14/01/2002	10/049311	19/09/2002	20020133644	11/04/2006	7027524		14/01/2022
103360	COAX COUPLER FOR DRO	EP	EPA	Publication of application	27/12/2001	01403371.6	21/08/2002	1233470				27/12/2021
		FR	NP	Grant	15/02/2001	01 02 076	16/08/2002	2 820 884	16/05/2003	2 820 884		15/02/2021
		US	NP	Grant	24/01/2002	10/053655	15/08/2002	20020110646	09/09/2003	5617944		24/01/2022
103385	SPECTROMETER WITH 2D FOURIER TRANSFORMATION	DE	NP	Publication of application	14/10/2002	102 48 914.9	30/04/2003	DE 102 48 914				14/10/2022
		FR	NP	Grant	18/10/2001	01 13 439	25/04/2003	2 831 265	30/01/2004	2 831 265		18/10/2023

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
103391	SOLID STATE REDUNDANCY SWITCH MATRIX	FR	EPA	Grant	21/01/2002	02290146.6	04/09/2002	1237299	01/12/2004	1237299	19/09/2005	21/01/2022
		FR	NP	Abandoned	01/03/2001		06/09/2002	2 821 700	23/05/2005	2 821 700		
103403	ALIGNMENT OF LIDAR T/R	DE	NP	Grant	06/12/2001	10160019.4	05/12/2002	101 60 019 4	04/06/2004	2 818 386		05/12/2021
103405	SATELLITE LIDAR DIRECTION FINDING	FR	NP	Grant	14/12/2000	00 16 312	07/11/2002	101 60 020 8	06/07/2006	101 60 020		05/12/2021
		FR	NP	Grant	06/12/2001	10160020.8	21/06/2002	2818469	24/11/2006	2818469		14/12/2020
		FR	NP	Grant	14/12/2000	0016311						
103426	TRANSMITTER LOCALISATION BY SATELLITE	EP	EPA	Publication of application	07/01/2002	02290023.7	31/07/2002	1227333				07/01/2022
		FR	NP	Grant	15/01/2001	01 00 463	19/07/2002	2 819 657	11/04/2003	2 819 657		15/01/2021
		US	NP	Grant	14/01/2002	10/243327	12/09/2002	20020126043	24/06/2003	6583755		15/01/2021
		DE	EPT	Grant	18/02/2002	02796869.1	25/09/2002	1373071	21/06/2006	1373071		14/01/2022
		FR	EPT	Grant	18/02/2002	02796869.1	25/09/2002	1373071	21/06/2006	1373071		14/01/2022
		FR	NP	Grant	21/03/2001	01 03 822	27/09/2002	2 822 436	15/08/2003	2 822 436		19/02/2022
		GB	EPT	Grant	18/02/2002	02706869.1	25/09/2002	1373071	21/06/2006	1373071		18/02/2022
103551	ELECTRICAL NETWORK FOR SOLAR ARRAYS	JP	PCT	Publication of application	18/02/2002	2002-573 302	20/09/2004	2004-530293				18/02/2022
		US	PCT	Grant	18/02/2002	10/472041	17/06/2004	2004-0112415	07/06/2005	6903260		18/02/2022
		DE	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	16/11/2004	1385740		25/03/2022
		ES	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	16/11/2004	1385740		25/03/2022
		FI	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	16/11/2004	1385740		25/03/2022
		FR	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	16/11/2004	1385740		25/03/2022
		FR	NP	Grant	29/03/2001	01 04 251	04/10/2002	2 822 803	15/08/2003	2 822 803		29/03/2021
		IT	EPT	Grant	23/03/2002	02720077.3	10/10/2002	1385740	16/11/2004	1385740		25/03/2022
		NL	EPT	Grant	23/03/2002	02720077.3	10/10/2002	1385740	16/11/2004	1385740		25/03/2022
		US	PCT	Grant	25/03/2002	10/472865	20/05/2004	20040094193	21/06/2005	6909042		25/03/2022
		CA	NP	Filing	14/03/2002	2 375 444						14/03/2022
		DE	EPA	Grant	22/03/2001	01430745.4	25/09/2002	1244176	21/06/2006	1244176		22/03/2022
		FR	EPA	Grant	22/03/2001	01430745.4	25/09/2002	1244176	21/06/2006	1244176		22/03/2022
		GB	EPA	Grant	22/03/2001	01430745.4	25/09/2002	1244176	21/06/2006	1244176		22/03/2022
103632	DUAL POLARISATION ANTENNA WITH LOW SIDE LOBES	JP	NP	Publication of application	19/03/2002	2002-73660	31/10/2002	2002-319819				18/03/2022
		US	NP	Grant	22/03/2002	10/101323	26/09/2002	20020135529	06/07/2004	6759993		20/03/2022
		DE	EPA	Grant	22/11/2001	01 402 992.0	03/07/2002	1 220 003	07/01/2004	1 220 003		22/11/2021
		FR	EPA	Grant	22/11/2001	01 402 992.0	03/07/2002	1 220 003	07/01/2004	1 220 003		22/11/2021
		FR	NP	Grant	22/12/2000	00 16 938	28/06/2002	2 818 757	21/03/2003	2 818 757		22/12/2020
		GB	EPA	Grant	22/11/2001	01 402 992.0	03/07/2002	1 220 003	07/01/2004	1 220 003		22/11/2021
		US	NP	Grant	17/12/2001	10/015983	27/06/2002	20020080476	06/01/2004	6674571		17/12/2021
		DE	EPT	Grant	30/09/2002	02783228.6	23/09/2003	1436197	14/06/2006	1436197		30/09/2022
		FR	EPT	Grant	30/09/2002	02783228.6	23/09/2003	1436197	14/06/2006	1436197		30/09/2022
		FR	NP	Grant	08/10/2001	01 12 939	11/04/2003	2 830 625	08/10/2021	2 830 625		08/10/2021
		GB	EPT	Grant	30/09/2002	02783228.6	23/09/2003	1436197	14/06/2006	1436197		30/09/2022
		JP	PCT	Filing	30/09/2002	2003-543899						30/09/2022
103671	DISPOSITIF PERMETTANT D'AMELIORER L'EMISSIVITE DES OSR	US	PCT	Publication of application	30/09/2002	10/491633	06/01/2005	200500001101				30/09/2022
103708	TTC BI-STANDARD	EP	EPT	Publication of application	04/02/2002	02701395.2	15/08/2002	1360781				04/02/2022
		FR	NP	Grant	08/02/2001	0101706	09/08/2002	2820567	14/07/2006	2820567		08/02/2021
		JP	PCT	Grant	04/02/2002	2002-563627	11/11/2004	2004-534418	11/08/2006	2002-563627		04/02/2022
		US	PCT	Publication of application	04/02/2002	10/457362	24/06/2004	20040120291				04/02/2022
103712	POWER CONDITIONNING FOR REGULATED BUS	EP	EPA	Publication of application	04/07/2002	02291674.6	12/03/2003	1292001				04/07/2022
		FR	NP	Grant	27/08/2001	01 11 132	28/02/2003	2 828 962	19/12/2003	2 828 962		27/08/2021
		US	NP	Grant	24/07/2002	10/200749	27/02/2003	20030036616	01/06/2004	6744236		24/07/2022
		CA	NP	Publication of application	20/06/2002	2 389 899	21/12/2002	2 389 899				20/06/2022
103735	ELECTRONIC BEAM STEERING ANTENNA	EP	EPA	Publication of application	17/06/2002	02291507.8	02/01/2003	1271689				17/06/2022
		FR	NP	Grant	21/06/2001	01 08 181	27/12/2002	2 826 511	19/12/2003	2 826 511		21/06/2021
		JP	NP	Publication of application	20/06/2002	2002-179 586	14/03/2003	2003-78329				20/06/2022
		US	NP	Publication of application	20/06/2002	10/175069	26/12/2002	20020196182	30/12/2003	5670918		20/06/2022
		EP	EPA	Publication of application	18/07/2002	02291819.7	12/03/2003	1291962				18/07/2022
		FR	NP	Grant	06/09/2001	0111332	07/03/2003	2822927	05/01/2007	2822927		05/09/2022
		JP	NP	Publication of application	05/09/2002	2002-260 697	20/03/2003	2003-87041				05/09/2022
		US	NP	Publication of application	01/08/2002	10/208781	06/03/2003	20030043068	09/03/2004	5703976		01/08/2022
		BE	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		CA	NP	Publication of application	03/04/2002	2 380 665	05/10/2002	2 380 665				03/04/2022
		DE	EPA	Publication of application	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		FR	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		FR	NP	Abandoned	05/04/2001	01 04 642	11/09/2002	2 823 182	04/06/2004	2 823 182		02/12/2004
		GB	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		IT	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		JP	NP	Publication of application	01/04/2002	2002-98 279	23/10/2002	2002-308 199				01/04/2022
		US	NP	Grant	09/04/2002	10/114277	10/10/2002	20020145082	30/12/2003	5669147		09/04/2022
103754	OPTIMIZATION OF SAMPLING FOR IMAGING SYSTEMS	EP	EPT	Publication of application	21/11/2002	02803826.3	05/06/2003	1451660				21/11/2022
		FR	NP	Grant	27/11/2001	01 15 303	30/05/2003	2 832 814	27/02/2004	2 832 814		27/11/2021
		US	PCT	Grant	21/11/2002	10/496990	23/12/2004	20040252263	20/02/2007	7180597		21/11/2022
103867	ORBITAL WAVEFRONT CORRECTION	FR	NP	Grant	15/04/2003	3004688	27/10/2004	2853569	02/12/2005	2853569		15/04/2023

04/04/2020

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
103856	CONCENTRATEUR SOLAIRE POUR APPLICATIONS SPATIALES	FR	EPA	Publication of application	24/12/2002	02293235.4	09/07/2003	1326287				24/12/2022
		EP	NP	Grant	07/01/2003	0200127	11/07/2003	2834584	15/07/2005			07/01/2022
		JP	NP	Publication of application	06/01/2003	2003-136	30/07/2003	2003-212198				06/01/2023
		US	NP	Publication of application	06/01/2003	10/336619	21/08/2003	20030155003				06/01/2023
103891	SAMPLING PHASE DETECTOR	EP	EPA	Publication of application	24/11/2002	02292890.7	09/07/2003	1326327				24/11/2022
		FR	NP	Grant	29/11/2001	0115429	30/05/2003	2832818	27/02/2004			29/11/2021
		US	NP	Grant	26/11/2002	10/303745	17/07/2003	20030132784	22/06/2004			26/11/2022
		DE	EPA	Grant	20/02/2004	04290475.5	20/10/2004	1458911	05/04/2006			20/02/2024
		FR	NP	Grant	20/02/2004	04290475.5	20/10/2004	1458911	05/04/2006			20/02/2024
		FR	NP	Grant	15/04/2003	0304687	22/10/2004	2853883	27/01/2006			15/04/2023
		GB	EPA	Grant	20/02/2004	04290475.5	20/10/2004	1458911	05/04/2006			20/02/2024
		US	NP	Grant	17/02/2004	10/787131	25/11/2004	20040232284	10/10/2006			27/02/2024
		DE	EPA	Grant	15/07/2002	02291773.6	19/03/2003	1293428	25/08/2004			15/07/2022
		FR	EPA	Grant	15/07/2002	02291773.6	19/03/2003	1293428	25/08/2004			15/07/2022
		FR	NP	Grant	18/09/2001	0112059	11/03/2003	2829746	19/12/2003			18/09/2021
		GB	EPA	Grant	15/07/2002	02291773.6	19/03/2003	1293428	25/08/2004			15/07/2022
		IT	EPA	Grant	15/07/2002	02291773.6	19/03/2003	1293428	25/08/2004			15/07/2022
		US	NP	Grant	01/08/2002	10/208864	20/03/2003	20030051857	30/09/2006			01/08/2022
		DE	EPA	Grant	16/04/2003	0329147.1	03/12/2003	1356590	17/05/2006			16/04/2023
		FR	NP	Grant	30/05/2002	0206638	05/12/2003	2840384	17/05/2006			30/05/2022
		GB	EPA	Grant	16/04/2003	0329147.1	03/12/2003	1356590	17/05/2006			16/04/2023
		US	NP	Grant	29/05/2003	10/446828	04/03/2004	200400405691	13/02/2007			29/05/2023
		CA	PCT	Filior	17/01/2003	2474126						17/01/2023
103916	MULTISPOT RECEIVING ANTENNA	EP	EPT	Publication of application	17/01/2003	03712252.0	07/08/2003	1472760				17/01/2023
		FR	NP	Grant	31/01/2002	0201140	01/08/2003	2833556	30/09/2005			31/01/2022
		US	PCT	Grant	17/01/2003	10/503097	14/04/2005	20030968356	10/10/2006			17/01/2023
		CA	PCT	Filior	21/11/2002	2465315						21/11/2022
104007	QUADRI MODE RF FILTER NO SCREWS	EP	EPT	Publication of application	21/11/2002	02803825.5	01/09/2004	1451891				21/11/2022
		FR	NP	Grant	26/11/2001	0115252	30/05/2003	2832860	03/03/2006			26/11/2021
		US	PCT	Grant	21/11/2002	10/495072	09/12/2004	20040246078	12/04/2005			21/11/2022
		EP	EPA	Publication of application	14/02/2003	03290353.6	10/09/2003	1343258				14/02/2023
		FR	NP	Grant	05/03/2002	0202770	12/09/2003	2837043	04/06/2004			05/03/2022
		JP	NP	Publication of application	25/02/2003	2003-47631	17/10/2003	2003-298489				25/02/2023
		US	NP	Publication of application	28/02/2003	10/375142	11/09/2003	20030169699				28/02/2023
104203	SYSTEM AND OPTICAL NETWORK OF MULTISERVICE DISTRIBUTION FOR SATELLITE	EP	EPA	Publication of application	18/11/2002	02292860.0	04/06/2003	1317162				18/11/2022
		FR	NP	Grant	27/11/2001	0115301	30/05/2003	2832883	25/05/2006			27/11/2021
		US	NP	Publication of application	26/11/2002	10/303746	19/06/2003	20030113121				26/11/2022
		FR	NP	Grant	27/11/2001	0115302	30/05/2003	2832884				27/11/2021
		US	NP	Grant	26/11/2002	10/303873	03/07/2003	20030123879	02/01/2007			26/11/2022
		DE	EPA	Grant	16/12/2003	03293176.8	21/07/2004	1439597	13/09/2006			16/12/2023
		FR	EPA	Grant	16/12/2003	03293176.8	21/07/2004	1439597	13/09/2006			16/12/2023
		FR	NP	Grant	17/01/2003	0300485	23/07/2004	2850206	20/05/2006			17/01/2023
		GB	EPA	Grant	16/12/2003	03293176.8	21/07/2004	1439597	13/09/2006			16/12/2023
		US	NP	Grant	16/01/2004	10/758257	05/08/2004	20040150492	27/06/2006			16/01/2024
		EP	EPA	Publication of application	18/11/2002	02292859.2	28/05/2003	1315319				18/11/2022
		US	NP	Grant	27/11/2001	0115301	30/05/2003	2832883	25/05/2006			27/11/2021
		US	NP	Publication of application	26/11/2002	10/303746	19/06/2003	20030113121				26/11/2022
		FR	EPA	Grant	08/04/2003	03290867.5	19/11/2003	1362785	29/05/2005			08/04/2023
		FR	EPA	Grant	08/04/2003	03290867.5	19/11/2003	1362785	29/05/2005			08/04/2023
		FR	NP	Abandoned	16/05/2002	0206636	21/11/2003	2836775	29/06/2004			09/04/2023
		US	NP	Grant	08/04/2003	03290867.5	19/11/2003	1362785	29/06/2005			08/04/2023
		US	NP	Grant	06/05/2003	10/429777	20/10/2003	20030218844	02/11/2004			06/05/2023
		DE	NP	Abandoned	12/02/2003	10306005.7	20/10/2003	13366005				12/02/2023
		FR	NP	Grant	14/02/2002	0201846	15/08/2003	2835803	18/06/2004			14/02/2022
		US	NP	Grant	13/02/2003	10/363459	18/03/2004	200400509838	25/05/2004			13/02/2023
		EP	EPA	Publication of application	03/10/2003	03292442.5	28/04/2004	1413940				03/10/2023
		FR	NP	Grant	21/10/2002	0213052	23/04/2004	2846107	24/06/2005			21/10/2022
		US	NP	Publication of application	20/10/2003	10/687585	24/06/2004	20040122568				20/10/2023
		DE	EPA	Grant	26/09/2003	03292357.5	07/04/2004	1405790	24/05/2006			26/09/2023
		FR	EPA	Grant	26/09/2003	03292357.5	07/04/2004	1405790	24/05/2006			26/09/2023
		FR	NP	Grant	03/10/2002	0212240	09/04/2004	2845351	22/07/2005			03/10/2022
		GB	EPA	Grant	26/09/2003	03292357.5	07/04/2004	1405790	24/05/2006			26/09/2023
		JP	NP	Publication of application	02/10/2003	2003-344436	17/06/2004	2004-168285				02/10/2023
		US	NP	Grant	02/10/2003	10/675117	30/09/2004	10/676117	07/11/2006			02/10/2023
		EP	EPT	Publication of application	11/04/2003	03740544.6	16/10/2003	1497870				11/04/2023
		FR	NP	Grant	11/04/2002	0204528	17/10/2003	2838564	30/07/2004			11/04/2022
		JP	PCT	Publication of application	01/04/2003	2003582829	28/07/2005	2005-522865				01/04/2023
		US	PCT	Publication of application	01/04/2003	10/510183	04/08/2005	20050166932				01/04/2023

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
104471	STRUCTURAL INSULATION	EP	EPA	Publication of application	01/04/2003	G3290815.4	12/11/2003	1361315				01/04/2023
104518	ANTENNE A REFLECTEUR BIBANDE A BORDURE DEFORMEE	FR	NP	Grant	36/05/2002	02.05.634	07/11/2003	2.839.356	15/10/2004	2.839.356		06/05/2012
		US	NP	Grant	23/04/2003	2509590	07/02/2006	7001656				23/04/2013
		CA	NP	Filing	30/03/2005	2509590						30/03/2025
104519		EP	EPA	Publication of application	25/03/2005	05290679.9	05/10/2005	1583176				25/03/2025
		FR	NP	Grant	02/04/2004	0450662	07/10/2005	2868611	21/07/2006	2868611		
		US	NP	Publication of application	01/04/2005	11/095526	06/10/2005	20050219146				01/04/2025
104515	AMPLIFIER SYSTEM WITH OPTIMIZED AMPLIFYING LINES	EP	NP	Abandoned	18/07/2003	03291787.4	28/01/2004	1385264			17/10/2006	
		FR	NP	Grant	23/01/2002	02.09.262	23/01/2004	2.842.674	25/02/2005	2842674		22/07/2022
		US	NP	Grant	21/07/2003	10/622711	09/07/2004	20040132404	21/03/2006	7015645		21/07/2022
104530	OBSERVATION SATELLITE WITH LASER DETECTOR OF ATMOSPHERIC PARAMETERS	FR	NP	Grant	31/12/2002	0216891	02/07/2004	2849428	06/01/2006	2849428		31/12/2022
104534	IP/GSM DATA MULTIPLEXER	EP	EPA	Publication of application	11/07/2003	03291730.4	28/01/2004	1385315				11/07/2023
		FR	NP	Grant	22/07/2002	02.09.263	23/01/2004	2.842.683	14/01/2005	02.09.263		22/07/2022
		US	NP	Publication of application	21/07/2003	10/622550	12/05/2005	2005-0100336				21/07/2023
104637	INSTRUMENT D'OBSERVATION A SYNTHESE D'OUVERTURE OPTIQUE A PUPLIES EN MOUVEMENT ET PROCEDE ASSOCIE	FR	NP	Grant	31/07/2003	0309420	04/02/2005	2858425	30/09/2005	2858425		31/07/2023
104774	MAXIMUM POWER POINT TRACKING METHOD AND CONDITIONING UNIT FOR GS	EP	EPA	Publication of application	09/09/2002	032922203.1	24/03/2004	1400886				09/09/2023
		FR	NP	Grant	19/09/2002	02.11.597	26/03/2004	2.844.890	14/01/2005	02.11.597		
		US	NP	Grant	18/09/2003	10/665917	27/01/2005	20050011997	16/01/2006	6984970		18/09/2023
104812	CCD LIDAR	EP	EPA	Publication of application	19/12/2003	03293234.5	28/07/2004	1441507				19/12/2023
		FR	NP	Grant	21/01/2003	03.03.600	23/07/2004	2.850.168	01/04/2005	2.850.168		21/01/2023
		US	NP	Grant	20/01/2004	10/759155	29/07/2004	2004-0145712	31/10/2006	7130028		20/01/2024
104816	GS PANEL WITH FLEXIBLE REFLECTOR	EP	EPA	Publication of application	30/09/2003	03292403.7	14/04/2004	1406557				30/09/2023
		FR	NP	Grant	10/10/2002	02.12.574	16/04/2004	2.845.822	24/06/2005	2845822		10/10/2022
		US	NP	Publication of application	09/10/2003	10/681218	30/09/2004	20040187906				09/10/2023
		CA	PCT	Filing	29/04/2004	2523843						29/04/2024
104834	BEAM DEVIATION ANTENNA	CN	PCT	Publication of application	29/04/2004	230480011659.1	31/05/2006	1781215				29/04/2024
		EP	EPA	Publication of application	29/04/2004	04291108.1	03/11/2004	1472799				29/04/2024
		FR	NP	Grant	30/04/2003	0305300	05/11/2004	2854503	15/12/2006	2854503		29/04/2024
		JP	PCT	Publication of application	29/04/2004	2006-050824	09/11/2006	2006-525709				29/04/2024
104859	ARTICULATED ASSEMBLY COMPRISING TWO SOLAR PANELS WITH CARPENTER JOINT AS ARTICULATION BETWEEN THE TWO PANELS	US	PCT	Publication of application	29/04/2004	10/554953	08/06/2006	20060119504				29/04/2024
		BE	EPA	Grant	17/10/2003	03292587.7	06/05/2004	1415909	28/12/2005	1415909		17/10/2023
		DE	EPA	Grant	17/10/2003	03292587.7	06/05/2004	1415909	28/12/2005	1415909		17/10/2023
		FR	EPA	Grant	17/10/2003	03292587.7	06/05/2004	1415909	28/12/2005	1415909		17/10/2023
		FR	NP	Grant	29/10/2002	0213459	30/04/2004	2.846.287	26/08/2005	2846287		29/10/2022
		FR	NP	Abandoned	01/08/2003	03.09.510						
		GB	EPA	Grant	17/10/2003	03292587.7	06/05/2004	1415909	28/12/2005	1415909		17/10/2023
		JP	PCT	Publication of application	17/10/2003	2005501921	27/07/2006	2006-517487				17/10/2023
		US	PCT	Publication of application	17/10/2003	10/633075	09/03/2006	20060049317				17/10/2023
104851	COMBINAISON OPTIQUE POUR SATELLITE ASTROMETRIQUE	EP	EPA	Publication of application	17/11/2003	03292854.1	09/06/2004	1426730				17/11/2023
		FR	NP	Grant	06/12/2002	02.15.431	11/06/2004	2.848.295	01/04/2005	2.848.295		06/12/2022
		CA	NP	Publication of application	10/02/2004	2.456.689	25/10/2004	2.456.689				10/02/2024
104931	TEMPERATURE COMPENSATED CAVITY	EP	EPA	Publication of application	26/03/2004	04290816.0	27/10/2004	1471595				26/03/2024
		FR	NP	Grant	25/04/2003	0305096	29/10/2004	2.854.279	08/07/2005	2854279		25/04/2023
		US	NP	Grant	29/03/2004	10/810807			01/11/2005	5960969		29/03/2024
		EP	EPA	Publication of application	10/11/2003	03292808.7	26/05/2004	1422763				10/11/2023
		FR	NP	Grant	25/11/2002	02.14.732	28/05/2004	2.847.719	11/03/2005	2.847.719		25/11/2023
		US	NP	Publication of application	21/11/2003	10/717565	26/08/2004	10/717565				21/11/2023
104948	MONOLITHIC TELESCOPE	DE	EPA	Grant	30/06/2004	04291659.3	05/01/2005	1494052	02/11/2005	1494052		30/06/2024
		FR	EPA	Grant	30/06/2004	04291659.3	05/01/2005	1494052	02/11/2005	1494052		30/06/2024
		FR	NP	Grant	04/07/2003	0308165	07/01/2005	2.852.106	30/09/2005	2852106		04/07/2023
		GB	EPA	Grant	30/06/2004	04291659.3	05/01/2005	1494052	02/11/2005	1494052		30/06/2024
		CA	NP	Filing	27/08/2004	2478882						27/08/2024
		EP	EPA	Abandoned	15/09/2004	04292217.9	20/04/2005	1524718			05/10/2006	
		FR	NP	Grant	14/10/2003	0311971	15/04/2005	2860926	27/01/2006	2860926		14/10/2023
		US	NP	Abandoned	27/09/2004	10/949189	14/04/2005	20050072983				27/09/2006
		EP	EPA	Publication of application	30/06/2004	04291660.1	19/01/2005	1499013				30/06/2024
105023	FLEXIBLE CHANNEL AMPLIFIERS FOR SATELLITE	FR	NP	Grant	11/07/2003	03.08.522	14/01/2005	2.857.524	23/09/2005	2857524		11/07/2023
		US	NP	Publication of application	09/07/2004	10/886611	13/10/2005	20050227617				09/07/2024
105030	CONTROLE THERMIQUE CHARGE UTILE UTILISANT DES TUBES BI-CONDUCTIFS	EP	EPA	Publication of application	05/07/2004	04291703.9	12/01/2005	1495964				05/07/2024
		FR	NP	Grant	11/07/2003	0308570	14/01/2005	2857331	02/11/2005	2857331		11/07/2023
		US	NP	Grant	08/07/2004	10/895604	14/04/2005	20050072432	23/05/2006	7048233		08/07/2024

Handwritten signature and date: 04/04/2007

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
105051	TELESCOPE WITH SKY MAPPER	EP	EPA	Publication of application	19/12/2003	03292333.7	11/08/2004	1445578				19/12/2023
		FR	NP	Grant	31/01/2003	03 01 104	06/09/2004	2 850 791	29/04/2005	0301104		31/01/2023
		US	NP	Publication of application	30/01/2004	10/766824			19/11/2005	6963471		30/01/2024
105108	VIRTUAL ETHERNET BUS	EP	EPA	Publication of application	16/04/2004	04291019.0	02/09/2004					15/04/2024
		FR	NP	Grant	30/04/2003	0305301	05/11/2004	2854522	30/09/2005	2854522		30/04/2023
		US	NP	Publication of application	29/04/2004	10/834023	20/01/2005	20050013262				29/04/2024
105116	ARCHITECTURE OPTIQUE DE TELESCOPE GRAND CHAMP ET EN PARTICULIER POUR L'OBSERVATION ASTRONOMIQUE A PARTIR D'UN SATELLITE	EP	EPA	Refused	08/11/2003	03292745.1	11/08/2004	1445636				07/02/2023
		FR	NP	Grant	07/02/2003	0301446	13/08/2004	2 851 054	24/06/2005	2851054		05/07/2024
105136	HIGH POWER SSPA	CN	PCT	Publication of application	05/07/2004	200480022208.8	13/09/2006	1833359				05/07/2024
		EP	EPT	Publication of application	05/07/2004	04767583.0	03/05/2006	1652293				05/07/2024
		FR	NP	Grant	31/07/2003	0309421	04/02/2005	2858492	08/09/2006	2858492		05/07/2024
		JP	PCT	Publication of application	05/07/2004	2006-521668	18/01/2007	2007-500961				05/07/2024
105141	MOVEABLE STACKING TIE-ROD	US	PCT	Publication of application	05/07/2004	10/566397	31/08/2006	20060192615				05/07/2024
		DE	EPA	Grant	15/07/2004	04291815.1	26/01/2005	1500590	28/06/2006	1500590		15/07/2024
		FR	EPA	Grant	15/07/2004	04291815.1	26/01/2005	1500590	28/06/2006	1500590		15/07/2024
		FR	NP	Grant	22/07/2003	0308903	28/01/2005	2857936	36/09/2005	2857936		22/07/2023
		GB	EPA	Grant	15/07/2004	04291815.1	26/01/2005	1500590	28/06/2006	1500590		15/07/2024
		JP	NP	Publication of application	16/07/2004	2004-209496	17/02/2005	200541477				16/07/2024
		US	NP	Publication of application	21/07/2004	10/895337	10/03/2005	20050050841				21/07/2024
105147	SEQUENCE DEVICE FOR SIDE PANELS	EP	EPA	Publication of application	20/12/2004	04293066.4	29/06/2005	1547923				20/12/2024
		FR	NP	Grant	23/12/2003	0315224	24/06/2005	2864033	19/01/2007	0315224		23/12/2023
		JP	NP	Filing	22/12/2004	2004370528						22/12/2024
105148	LOW FRICTION MAGNETIC BEARING	US	NP	Publication of application	21/12/2004	11/017099	21/07/2005	20050156083				21/12/2024
		FR	NP	Grant	01/12/2003	0314174	03/06/2005	2865023	19/01/2007	0314174		01/12/2023
105149	TURNING COLLECTOR	EP	EPA	Publication of application	21/06/2004	04291564.5	05/01/2005	1494323				21/06/2024
		FR	NP	Grant	01/07/2003	0307942	07/01/2005	2857169	24/02/2006	2857169		01/07/2023
		US	NP	Publication of application	30/06/2004	10/879208	06/01/2005	20050000084				30/06/2024
105227	NON-RECIPROCAL SUB ARRAY FOR REFLECTOR ANTENNA PARTICULARLY FOR OBSERVATION SATELLITE : CA:ENS:EP:ASTRIUM, ALIENA;US : BOIENG, LOCKHEED MARTIN	CA	NP	Publication of application	22/09/2004	2480568	23/03/2005	2480568				22/09/2024
		EP	EPA	Publication of application	21/09/2004	04292265.8	30/03/2005	1519444				21/09/2024
		FR	NP	Grant	23/09/2003	0311109	25/03/2005	2860107	13/01/2006	2860107		23/09/2023
		US	NP	Grant	22/09/2004	10/946333	09/06/2005	20050122273	28/11/2006	7142164		22/09/2024
105230	USE OF CONTACT BANDS FOR RF SHIELDING OF A MCM HYBRID	CA	NP	Publication of application	05/07/2004	2 472 900	18/01/2005	2 472 900				05/07/2024
		EP	EPA	Publication of application	07/07/2004	04291722.9	19/01/2005	1498950				07/07/2024
		FR	NP	Publication of application	18/07/2003	03 08 773	21/01/2005	2 857 819				18/07/2023
105237	USE OF LO SIGNALS AND PHOTONIC MATRIX FOR CROSS-CONNECTION UP-LINK/DOWN-LINK CHANNELS	JP	NP	Publication of application	09/07/2004	2004-202720	12/05/2005	2005-123572				09/07/2024
		US	NP	Grant	16/07/2004	10/892440	20/01/2005	20050012574	20/02/2007	7180393		16/07/2024
105352	CONCEPTION D'UN CORRECTEUR DE VISEE PASSIF POUR UN LIDAR BITSTATIQUE	EP	EPA	Publication of application	02/11/2004	04292593.3	22/06/2005	1545032				02/11/2024
		FR	NP	Grant	19/12/2003	0314983	24/06/2005	2866385	03/03/2006	2866385		19/12/2023
		FR	NP	Publication of application	01/12/2004	04292856.4	15/06/2005	1542037				01/12/2024
		FR	NP	Grant	09/12/2003	0314380	10/06/2005	2863365	24/03/2006	2863365		09/12/2023
105353	CONNEXIONS OF CELLS IN THE CORNERS	EP	EPA	Publication of application	13/12/2004	04292972.9	29/06/2005	1548847				13/12/2024
		FR	NP	Grant	23/12/2003	0315227	24/06/2005	2866346	03/03/2006	2866346		23/12/2023
		FR	NP	Grant	02/02/2004	0450181	24/06/2005	2866347	03/03/2006	2866347		02/02/2024
		JP	NP	Publication of application	15/12/2004	2004362285	28/07/2005	2005-200006				15/12/2024
105356	COMPACT MULTIPOLARISATION RADIATING DEVICE WITH ORTHOGONAL FEEDING	US	NP	Publication of application	16/09/2004	10/941831	23/06/2005	20050133079				16/09/2024
		EP	EPA	Publication of application	07/02/2005	05290270.7	14/12/2005	1605546				07/02/2025
		FR	NP	Grant	17/02/2004	0450284	19/08/2005	2866480	28/07/2006	2866480		17/02/2024
105355	FREQUENCY FURTHER IMAGES ACQUIRED BY AN ACQUISITION DEVICE	US	NP	Publication of application	16/02/2005	11/058285	18/08/2005	20050179598				16/02/2025
105458	ARTICULATION A PISTES FLEXIBLES A FRICTIEMENT REDUIT	EP	EPA	Publication of application	06/12/2004	04292895.2	22/06/2005	1544667				06/12/2024
		FR	NP	Grant	15/12/2003	0314253	17/06/2005	2863735	03/03/2006	2863735		15/12/2023
		FR	NP	Filing	23/06/2006	0605653						23/06/2026

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
105542	ELECTROMAGNETIC FORMATION FLYING	EP	EPA	Publication of application	05/03/2005	05250533.8	05/10/2005	1582461				09/03/2025
		FR	NP	Publication of application	02/04/2004	0450663	07/10/2005	2668394				02/04/2024
		US	NP	Publication of application	01/04/2005	11/095504	10/11/2005	20050248491				01/04/2025
105545	MICROWAVE FILTER WITH EXTRACTED POLES	EP	EPA	Publication of application	08/12/2003	03293113.1	08/06/2005	1538692				08/12/2023
		EP	EPA	Publication of application	23/03/2005	05290642.7	28/09/2005	1580844				23/03/2025
105563	DEPHASOR CELL WITH LINEAR POLARISATION	FR	NP	Grant	23/03/2004	0450575	30/09/2005	2868216	21/07/2006	2858215		23/03/2024
		US	NP	Publication of application	23/03/2005	11/086304	29/09/2005	20050212705				23/03/2025
105572	HERMETIC ENCAPSULATION	FR	NP	Grant	18/05/2004	0450973	25/11/2005	2870538	18/08/2006	2870638		18/05/2024
		WO	PCT	Abandoned	16/09/2005	PCT/FR2005/050328	01/02/2005	WO2005/11472			04/10/2006	
		CA	NP	Filing	14/10/2005	2533371						14/10/2025
		CN	NP	Publication of application	02/11/2005	2005101117.91.0	02/08/2006	1812188				02/11/2025
105614	THERMAL COMPENSATION OF A RESONANT CAVITY	EP	EPA	Publication of application	04/11/2005	05110380.2	10/05/2006	1655802				04/11/2025
		FR	NP	Grant	09/11/2004	04522568	12/05/2006	2877773	04/05/2007	2877773		
		US	NP	Publication of application	08/11/2005	11/268621	11/05/2006	20060097827				08/11/2025
105616	HEXA-PODE DEPLOYABLE POUR TELESCOPE SPATIAL AGILE	EP	EPA	Publication of application	28/12/2004	04293150.1	05/07/2006	1676776				28/12/2024
		WO	PCT	Filing	22/12/2005	PCT/FR2005/051122						22/07/2008
105619	DEVICE FOR GENERATING A FORCE AND A TORQUE IN ORDER TO POSITION A BODY	EP	EPT	Publication of application	25/04/2005	05747091.6	14/02/2007	1751638				25/04/2025
		FR	NP	Grant	18/05/2004	0450578	25/11/2005	2870609	18/08/2006	2870609		18/05/2024
		WO	PCT	Publication of application	25/04/2005	PCT/FR05/050275	01/12/2005	WO2005/11333				25/11/2007
		US	PCT	Filing	25/04/2005	11/569314						25/04/2025
105726	INSTRUMENT FOR VARIABLE OBSERVATION AND/OR RESOLUTION	CN	NP	Publication of application	31/08/2005	200510097936.1	08/03/2006	1743871				31/08/2025
		EP	EPA	Publication of application	19/08/2005	05107653.7	01/03/2006	1630589				19/08/2025
		FR	NP	Grant	31/08/2004	0451939	03/03/2006	2874708	19/01/2007	0451939		31/08/2024
		US	NP	Publication of application	30/08/2005	11/213725	23/03/2006	20060060763				30/08/2025
105727	SYSTEME DE CONTROLE PAR VOILE SOLAIRE BASEE SUR EMISSIVITE VARIABLE POUR SATELLITES EN VOL EN FORMATION	EP	EPA	Publication of application	31/12/2004	04293179.0	05/07/2006	1676777				31/12/2024
		US	NP	Publication of application	29/12/2005	11/319527	02/11/2006	20060243863				29/12/2025
		CN	NP	Publication of application	20/09/2005	200510103379.X	29/03/2006	1752794				20/09/2025
105730	MIRROR WITH LOCAL DEFORMATION BY WIDTH VARIATION OF AN ELECTRO-ACTIVE MATERIAL CONTROLLED BY ELECTRICAL FIELD	EP	EPA	Publication of application	20/09/2005	05108640.3	22/03/2006	1637914				20/09/2025
		FR	NP	Grant	20/09/2004	0452092	24/09/2006	2875607	24/11/2006	2875607		19/09/2025
		US	NP	Filing	19/09/2005	11/228335						09/01/2026
105731	ERGODUC	FR	NP	Filing	03/03/2006	06590113						03/03/2026
105734	SYSTEME DE MAINTIEN DU CADRE D'INTERFACE D'UN SATELLITE PENDANT LES ESSAIS MECANIQUE SINSUS	WO	PCT	Filing	29/12/2006	PCT/FR2006/051440						29/07/2009
		FR	NP	Grant	14/12/2005	0452276	16/06/2006	2879155	23/02/2007	2879155		14/12/2025
		FR	NP	Filing	09/07/2006	06590116						14/12/2025
		WO	PCT	Filing	29/12/2006	PCT/FR2006/0514441						29/07/2009
105737	ANTENNA WITH CHARGER FOR COMMUTING SUB-REFLECTARRAYS	EP	EPT	Filing	21/07/2005	PCT/FR2005/050602						21/07/2025
		FR	NP	Grant	31/08/2004	0451940	03/03/2006	2874749	24/11/2006	2874749		31/08/2024
		US	PCT	Filing	21/07/2005	11/574391						21/07/2025
		WO	PCT	Publication of application	21/07/2005	PCT/FR2005/050602	16/03/2006	WC2006/02750				21/02/2008
		CN	NP	Publication of application	22/12/2005	200510132265.6	05/07/2006	1797789				22/12/2025
105823	COATING FOR PREVENTION OF ELECTROSTATIC DISCHARGE WITHIN AN EQUIPMENT IN A SPATIAL ENVIRONMENT	EP	EPA	Publication of application	22/12/2004	04293101.4	28/06/2006	1675187				22/12/2024
		US	NP	Publication of application	21/12/2005	11/312564	03/08/2006	20050169844				21/12/2025
		WO	PCT	Publication of application	14/12/2005	PCT/EP2005/056785	29/06/2006	2006/067078				14/07/2008
105832		FR	NP	Publication of application	20/12/2004	0453097	29/06/2006	2879761				20/12/2025
		FR	NP	Publication of application	21/06/2005	0551683	22/12/2006	2887383				21/06/2025
105834	SYSTEME DE COMMUNICATION PAR SATELLITES A DIVERSITE DE STATION EN EMISSION	WO	PCT	Publication of application	15/06/2006	PCT/FR2006/050564	28/12/2006	WO2006/13674				15/01/2009
		CA	NP	Filing	10/11/2005	2526766						10/11/2025
		CN	NP	Publication of application	25/11/2005	200510123387.0	07/06/2006	1783759				25/11/2025
105836	GENERALIZED MULTIPLEXING NETWORK	EP	EPA	Publication of application	29/11/2004	04292797.0	31/05/2006	1662603				26/11/2024
		JP	NP	Publication of application	24/11/2005	2005-338167	15/06/2006	2006-157907				24/11/2025
105941	SYSTEME DE SYNCHRONISATION DE TRANSFERT CONTINU & REVERSIBLE POUR GENERATEURS SOLAIRES	US	NP	Publication of application	22/11/2005	11/283773	01/06/2006	20060114082				22/11/2025
		FR	NP	Filing	12/06/2006	0652090						12/06/2026

04/04/2007

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
105964	ARCHITECTURE ELECTRIQUE POUR GENERATEUR SOLAIRE, REDUISANT LE RISQUE ESD AVEC CELLULES GAS	EP	EPA	Publication of application	23/03/2006	06111637.2	27/09/2006	1705718				23/03/2026
105969	DISPOSITIF DE FOURNITURE D'ENERGIE PHOTOVOLTAIQUE POUR MISSION PERT SOLAIRES et SOLAR GLASS	FR	NP	Publication of application	24/03/2005	0550768	29/09/2006	2883662				24/03/2025
105970	MECANISME DE ROTATION DEUX AXES A INTERFACE MOTEURS COMMUNE	US	NP	Publication of application	24/03/2006	11/387731	12/10/2006	20060225779				24/03/2026
105985	ANTENNE A FORTE CAPACITE DE RECONFIGURABILITE	FR	NP	Filing	02/12/2005	0553698						02/12/2025
106038	SYSTEME SATELLITAIRE SEMI-TRANSPARENT POUR APPLICATIONS MULTIMEDIA MAILLEES	WO	PCT	Publication of application	13/07/2005	0552175	19/01/2007	2888674				13/07/2025
106040	SYSTEME DYNAMIQUE DE REUTILISATION DES FREQUENCES POUR SATELLITES DE TELECOMMUNICATIONS	FR	NP	Publication of application	23/09/2005	0552835	30/03/2007	2891420				11/02/2009
106046	RESEAU MULTI-FAISCEAUX AUTO-REDONDANT A MAILLE FORTEMENT IRRGULIERE	FR	NP	Publication of application	22/09/2006	PCT/FR2006/050927						22/04/2009
106055	SATELLITE CDMA SINGLE CELL, MULTIBEAM TRANSMISSION	FR	NP	Publication of application	23/09/2005	0552836	30/03/2007	2891421				22/04/2009
106069	DEPLOIEMENT D'UNE FORMATION DE SATELLITES PAR CONTROLE BORD/BOIS	FR	NP	Filing	28/11/2005	0553623						28/11/2023
106070	DISPOSITIF DE STABILISATION THERMIQUE D'UN MIROIR PRIMAIRE POUR UN INSTRUMENT OPTIQUE	WO	PCT	Publication of application	27/11/2006	PCT/FR2006/051232						27/06/2009
106071	MIROIR DEPLOYABLE DE TYPE ORBIFORME	FR	NP	Filing	05/09/2005	0552668	10/01/2007	2890454				05/09/2025
106075	ECLAIREUR ET MONITEUR D'ARC POUR GS (ARC COLLECTOR AND MONITOR FOR SOLAR ARRAY)	FR	NP	Filing	23/01/2006	0650212						05/04/2009
106174	SYSTEMES RF DE TYPE DIA, (,)CAMP, DeCon, ETC A COMMUTATION DE MODE FG-ALC SANS REBOND	FR	NP	Filing	09/01/2007	PCT/FR2007/050628						20/01/2026
106215	FILTRE A CROIX	FR	NP	Filing	21/04/2006	0651405						09/08/2009
106212	DETERMINATION FINE PAR SENSEUR 3F DE LA POSITION RELATIVE D'UNE FORMATION	FR	NP	Filing	02/09/2006	0652011						19/01/2026
106213	STRATEGIE D'ANTI-COLLISION A CONFIGURATION MINIMALE DJ SENSEUR RF	FR	NP	Filing	19/01/2007	06300640.0						19/08/2009
106216	FIXATION D'UN MIROIR EN ZERODUR PAR SYSTEME MECANO-THERMOELASTIQUE POUR UTILISATION A TEMPERATURE CRYOGENIQUE	FR	NP	Filing	19/01/2006	06300641.8						19/01/2026
106217	PROCEDE DE STOCKAGE UTILISANT DES PANNEAUX MODULABLES RIGIDES	FR	NP	Filing	19/01/2007	PCT/EP2007/050552						19/08/2009
106218	MACHINE FRIGORIFIQUE COMME MOYEN DE CONTROLE THERMIQUE D'UN SATELLITE DE TELECOMMUNICATION	FR	NP	Filing	25/07/2006	0653102						
106219	REALISATION DE PANNEAU A CALODUCS INTEGRÉS SANS BROCHAGE	FR	NP	Filing	26/02/2007	0753500						
106222	ELEMENT RAYONNANT CONSTITUE DE CAVITES RESONANTES A FORT RENDEMENT DE SURFACES SOLAR ACS & PROPULSION WITH SINGLE ACTUATOR	FR	NP	Filing	25/01/2006	0650255						25/08/2009
106257	PRINCIPE DE CAMERA A ROTATION SOLAIRE	FR	NP	Filing	12/05/2006	0651717						12/05/2026
106261	HIGH PERFORMANCE WIDE BAND PREDISTORTION LINEARIZER (LATERAL ET LONGITUDINAL)	FR	NP	Filing	03/07/2006	0652770						
106291	SYSTEME DE GUIDAGE A FORTE CAPACITE DE DUREE DE VIE, POUR DEPLOIEMENT ET POINTAGE FIN	FR	NP	Filing	27/06/2006	0652667						
106396	REDUCTEUR VARIABLE A FORTE CAPACITE DE DUREE DE VIE POUR MECANISMES SPATIAUX	FR	NP	Filing	05/07/2006	0652805						14/03/2027
106402	AN INTERFEROMETER	EP	EPA	Publication of application	14/03/2007	07300862.2						28/07/2025
106465	DISPOSITIF DE TRANSDUCTION ORTHOMODE A COMPACTE OPTIMISEE DANS LE PLAN DE MAILLE, POUR UNE ANTENNE	FR	NP	Filing	28/07/2006	0653180						
111301	DIELECTRIC RESONATOR OSCILLATOR	FR	NP	Filing	27/02/2007	0753321						
120698	POWER CONDITIONING UNIT FOR SOLAR GENERATOR TO MPP	DE	EPA	Grant	08/06/2008	0401631.7	10/01/2001	1057672	01/12/2004	1067672		08/06/2020
		FR	EPA	Grant	08/06/2008	0401631.7	10/01/2001	1057672	01/12/2004	1067672		08/06/2020
		FR	NP	Abandoned	31/07/1989	09 08 458	05/01/2001	2 795 887	05/10/2001	19/10/2005		
		GB	EPA	Grant	08/06/2008	0401631.7	10/01/2001	1057672	01/12/2004	1067672		08/06/2020
		JP	NP	Publication of application	30/06/2000	2000-198 131	16/02/2001	2001-44 755				30/06/2020
		US	NP	Grant	22/06/2000	09/599441			02/10/2001	6297707		22/06/2020
		EP	EPA	Publication of application	15/07/2003	03291745.2	11/02/2004	1388774				15/07/2023
		FR	NP	Grant	09/08/2002	0210140	13/02/2004	2843464	08/09/2006	2843464		09/08/2022
		JP	NP	Publication of application	07/08/2003	2003-288424	11/03/2004	200476950				07/08/2023
		US	NP	Grant	29/07/2003	10/628409	01/07/2004	2004-0124815	19/07/2005	6919714		29/07/2023
		DE	EPA	Grant	11/06/2003	03291381.6	15/12/2004	1486645	31/05/2006	1486645		11/06/2023
		FR	EPA	Grant	11/06/2003	03291381.6	15/12/2004	1486645	31/05/2006	1486645		11/06/2023
120838	PHASE ADVANCE FOR LARGE SOLAR ARRAY CAPACITANCE.	GB	EPA	Grant	11/06/2003	03291381.6	15/12/2004	1486645	31/05/2006	1486645		11/06/2023

04/2007

A

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
123839	NETWORK ARCHITECTURE FOR SPACECRAFT POWER CONDITIONING	US	NP	Grant	08/06/2004	10/862460	16/12/2004	20040251885	27/12/2005	6979965		08/06/2024
		CN	NP	Publication of application	17/05/2004	200410034793.5	18/02/2005	1572555				17/05/2024
		DE	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
		ES	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
		FR	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
		GB	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
		NL	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
120841	BUS FAILURE PROOF	EP	EPA	Publication of application	01/12/2003	03293006.7	08/06/2005	1538723				01/12/2023
120904	CONDITIONING CIRCUIT-MPPT	FR	NP	Filing	03/01/2006	0650018						03/01/2026
121063	MODULAR POWER CONDITIONING UNIT WITH DECENTRALISED BUS CAPACITANCE	CN	NP	Publication of application	21/06/2006	200610093106.6	27/12/2006	1885565				21/06/2026
122082	AUTO-SYNCHRO DC/DC CONVERTER	EP	EPA	Publication of application	22/06/2005	05291343.1	27/12/2006	1736409				22/06/2025
129113	EQUALIZER WITH INTERNAL AMPLITUDE CORRECTION	US	NP	Publication of application	19/06/2006	11/455179	28/12/2006	20060289964				19/06/2026
		EP	EPA	Publication of application	19/03/1998	98400651.0	22/09/1999	0944162				19/03/2018
		JP	NP	Abandoned	16/03/1999	63847/59	28/04/2000	2000-125550			13/02/2006	
		US	NP	Grant	17/03/1999	09/270511			31/10/2000	6141225	19/11/2004	17/03/2019
		CA	NP	Abandoned	22/12/1999	2 292 940						
		EP	EPA	Publication of application	09/12/1999	994003089.8	05/07/2000	1017122				09/12/2019
		ES	NP	Abandoned	28/12/1998	P 98 02 694					04/01/2000	
		US	NP	Grant	21/12/1999	09/468346			26/02/2002	6351193		21/12/2019
		CA	NP	Filing	16/03/2001	2,341,341						16/03/2021
129168	MAPPING UPLINK CHANNELS INTO A CONVOLUTIONAL ENCODED TDM DOWNLINK	EP	EPA	Publication of application	08/03/2001	01400603.5	19/09/2001	1134927			13/02/2002	08/03/2021
		ES	NP	Abandoned	17/03/2000	P 2000 00 649						
		JP	NP	Publication of application	17/03/2001	2001-68 724	16/11/2001	2001-320 779				12/03/2021
		US	NP	Grant	16/03/2001	09/809138	25/10/2001	20010033578	09/11/2004	6815501	01/10/2004	15/03/2021
		CA	NP	Abandoned	28/12/2001	2 366 233	29/06/2002	2 366 233				
129212	A HIGH PERFORMANCE MICROWAVE FILTER OF MODERATE OR LARGE BANDWIDTH	EP	EPA	Publication of application	17/12/2001	01403270.0	03/07/2002	1220351				17/12/2021
		ES	NP	Abandoned	28/12/2000	P 2000 03 144	16/08/2002	2002-232 203			22/01/2002	
		JP	NP	Abandoned	26/12/2001	2001-594 156	09/08/2002	20020105394			01/10/2004	
		US	NP	Grant	26/12/2001	10/025686			22/07/2003	6597264		26/12/2021
		CA	NP	Publication of application	08/07/2003	2 434 614	29/01/2004	2 434 614				08/07/2023
		DE	EPA	Grant	29/07/2002	02291913.8	21/04/2004	1411582	08/03/2006	1411582		23/07/2022
		FR	EPA	Grant	29/07/2002	02291913.8	21/04/2004	1411582	08/03/2006	1411582		23/07/2022
		GB	EPA	Grant	29/07/2002	02291913.8	21/04/2004	1411582	08/03/2006	1411582		23/07/2022
		JP	NP	Publication of application	11/07/2003	2303-273425	30/06/2005	2005-175516				11/07/2023
		US	NP	Grant	28/07/2003	10/627271	24/03/2004	20040055737	05/08/2005	6827652		28/07/2023
		CA	NP	Publication of application	24/03/2004	2 462 330	04/10/2004	2 462 330				24/03/2024
129261	DIELECTRIC RESONATOR FILTER WITH HIGH- POWER COUPLING MECHANISM	EP	EPA	Publication of application	04/04/2003	03290841.0	06/10/2004	1465283				04/04/2023
		US	NP	Grant	02/04/2004	10/815719	18/11/2004		01/08/2006	7084719		02/04/2024
129262	PACKAGE FOR USE WITH MICROWAVE BAND-PASS FILTER	CA	NP	Publication of application	13/07/2004	2473826	22/02/2005	2473826				13/07/2024
		EP	EPA	Publication of application	27/08/2003	03292072.0	23/02/2005	1508935				22/08/2023
		US	NP	Publication of application	20/08/2004	10/921835	24/02/2005	20050040913				20/08/2024
		AI	PCT	Grant	08/02/1996	52662/96			05/11/1998	692383		08/02/2016
		CA	EPT	Filing	08/02/1996	2 210 920						08/02/2016
		EP	EPT	Filing	08/02/1996	96939483.8						08/02/2016
137306	FREQUENCY HOPPED RETURN LINK WITH NET ENTRY CHANNEL FOR A SATELLITE PERSONAL COMMUNICATIONS SYSTEM	JP	PCT	Publication of application	08/02/1996	524421/96	17/09/2001		13/07/2001	3209751		08/02/2016
		US	NP	Grant	08/02/1996	7054671997			18/09/2002	354957		08/02/2016
		WO	PCT	Grant	08/02/1996	08/386537			10/06/1997	5638361		08/02/2015
		CN	PCT	Filing	08/02/1996	PC705956/07115						08/09/1998
		EP	EPT	Abandoned	18/05/1999	95868640.4	25/08/2001	1310893A			16/02/2006	
		FR	EPT	Filing	19/03/1999	95933473.3						18/05/2019
137331	FLUX DENSITY REDUCTION IN OCDMA SATELLITE COMMUNICATION SYSTEM	JP	PCT	Publication of application	18/05/1999	2000-550291	04/06/2002	2002-515548				18/05/2019
		WO	PCT	Publication of application	18/05/1999	PCT/US99/10905	25/11/1999	WO9960806				18/12/2001
800042	MISE EN PARALLELE LARGE BANDE D'AMPLIFICATEURS DE PUISSANCE	US	NP	Grant	19/05/1998	09/0809952			13/06/2000	6075781		19/05/2018
800289	SOLAR ARRAY CIRCUIT	FR	NP	Filing	13/08/2006	0653344						10/08/2026
800674	DISPOSITIF UNIQUE DE DEPLOIEMENT ET REPLOIEMENT D'APPENDICES SPATIAUX	FR	NP	Filing	27/12/2006	0655975						27/12/2026
		FR	NP	Filing	27/03/2007	0754049						27/03/2027

04/04/2007

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date	
93949		CA	NP	Abandoned	03/03/1994	2116890					01/10/2003		
		EPA	EPA	Grant	04/03/1993	93103445.2			07/07/1999	614.136		04/03/2013	
		ER	EPA	Grant	04/03/1993	93103445.2			07/07/1999	614.136		04/03/2013	
		GB	EPA	Grant	04/03/1993	93103445.2			07/07/1999	614.136		04/03/2013	
		IT	EPA	Grant	04/03/1993	93103445.2			07/07/1999	614.136		04/03/2013	
		JP	NP	Publication of application	04/03/1994	34353.94		02/03/2004	3502145	12/12/2003	3502145		04/03/2014
		US	NP	Grant	04/03/1994	206061				22/08/1995	5444358		04/03/2014
		CA	NP	Abandoned	28/09/1995	2 159.423						11/09/2002	
		DE	EPA	Grant	09/09/1995	95.114.185.2		03/04/1996	0 705 011	08/08/2001	0 705 011		09/09/2015
		FR	NP	Grant	29/09/1994	P.84.02.057		16/11/1997	2107340	01/07/1998	2.107.340		29/09/2014
94771	DIGITAL DEMODULATOR WITH FREQUENCY CORRECTION	ES	NP	Abandoned	20/10/1975	441928					11/11/1911		
		FR	EPA	Grant	09/09/1995	95.114.185.2		03/04/1996	0 705 011	08/08/2001	0 705 011		09/09/2015
		GB	EPA	Grant	09/09/1995	95.114.185.2		03/04/1996	0 705 011	08/08/2001	0 705 011		09/09/2015
		IT	EPA	National granting number	09/09/1995	95.114.185.2		03/04/1996	0 705 011	08/08/2001	0 705 011		09/09/2015
		AU	NP	Abandoned	19/12/1996	754887/96						13/07/2001	
		CA	NP	Grant	27/12/1996	2.194.077		30/06/1997	2.194.077	02/11/2004	2194077		27/12/2016
		DE	EPA	Grant	20/12/1996	96.402.844.3		02/07/1997	0 782 211	01/10/2003	0 782 211		20/12/2016
		ES	NP	Abandoned	29/12/1995	P.95.02.560		01/01/1988	2.109.184	03/06/1988	2.109.184		22/05/2003
		GB	EPA	Grant	20/12/1996	96.402.844.3		02/07/1997	0 782 211	01/10/2003	0 782 211		20/12/2016
		JP	NP	Abandoned	26/12/1996	1996-348396		31/10/1987	2840.10.97				05/11/2003
94853	DUAL-MODE CAVITY FILTER	US	NP	Grant	18/12/1996	08/759614				11/08/1998			18/12/2016

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
ADDITIONAL INFORMATION : Confidential Défense												
Folio	Title	Country	Type of protection	Current Status	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Abandon Date	Expiration Date
106058	GEOLOCALISATION	FR	NP	Filing	30/08/05	0552598						

PROSECUTION CHARGE : Compagnie Financière Alcatel (cf. coownership agreement hereafter)												
Folio	Title	Country	Type of protection	Current Status	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Abandon Date	Expiration Date
104818	BIP ANTENNA WITH INTERLACED BEAMING APERTURES	EP	EPA	Publication of application	11/07/03	03291727.0	04/02/04	1387437				11/07/23
		FR	NP	Grant	31/07/02	0209740	06/02/04	2843238	21/07/06	2843238		31/07/22
		JP	NP	Publication of application	30/07/03	2003-282376	30/04/04	2004-135284				30/07/23
		US	NP	Grant	28/07/03	10/627772	05/02/04	20040021607	09/08/05	6927729		29/07/23

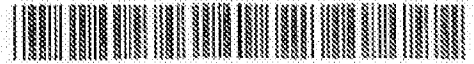
PROSECUTION CHARGE : CNES (cf. coownership agreement hereafter)												
Folio	Title	Country	Type of protection	Current Status	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Abandon Date	Expiration Date
		FR	NP	Grant	31/07/03	0309472	12/11/04	2854734	21/07/06	2854734		31/07/23
		EP	EPA	Grant	23/10/03	3778445	31/08/05	1558104	13/09/06	1568104		23/10/23
		US	PCT	Publication of application	23/10/03	532655	15/06/06	2006125713				23/10/03
		JP	PCT	Publication of application	23/10/03	2005-501823	02/02/06	2006-504373				23/10/23

ADDITIONAL INFORMATION : cf. license agreement with DGA hereafter												
Folio	Title	Country	Type of protection	Current Status	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Abandon Date	Expiration Date
103669	TUBE-PLATE COMPOSITE STRUCTURE	EP	EPA	Publication of application	02/05/02	0229102.8	27/11/02	1250283				02/05/22
		FR	NP	Grant	25/05/01	01.06.882	29/11/02	2.825.041	29/09/03	2.825.041		25/05/21
		US	NP	Grant	24/05/02	10/153810	28/11/02	20020174965	22/07/03	6595264		24/05/22

Docket	Open date	Filing decision	Inventors	Title
105965	28/02/2005	YES	PAIN Thierry	CONCEPTION D'UN SPECTROMETRE A DEUX OU PLUSIEURS FENTES
106214	03/11/2005	YES	CONVOLUTION OPTO-MECANIQUE	BLANC Philippe
106220	03/11/2005	_____	VIEILLOT Jacques	DISPOSITIF DE CONNEXION / DE-CONNEXION DU LIEN THERMIQUE ENTRE LE DOIGT FROID D'UN REFROIDISSEUR ACTIF ET UN PLAN FOCAL AVEC VOIE(S) INFRA-ROUGE(S)
106404	05/04/2006	YES	CESARE Stefano, MARCO Pisani	OPTICAL METROLOGY FOR RELATIVE POSITION AND ANGULAR MEASUREMENTS BETWEEN TWO BODIES
106406	05/04/2006	_____	AGOSTI Valérie, DELMONTE Stéphane, BLANC Jean-François	ADAPTATION DU PLAN FOCAL INSTRUMENT PERMETTANT UNE MESURE SIMPLIFIEE DE FTM INSTRUMENT
106407	05/04/2006	_____	AGOSTI Valérie, DELMONTE Stéphane, BLANC Jean-François	ADAPTATION DU PLAN FOCAL INSTRUMENT PERMETTANT LE SUIVI SIMPLIFIE DES PERFORMANCES DE L'INSTRUMENT DURANT SA VIE EN AIT
106496	01/04/2006	YES	LEYRE Xavier	PROBA 3 - ACCOMMODATION DISSYMETRIQUE D'UN CORONOGRAPHE SOLAIRE POUR UNE MISSION DE VOL EN FORMATION
106497	05/07/2006	YES	VALENTINI David, DUDON Jean-Paul	AMELIORATION DES PERFORMANCES DE STRUCTURE/MIROIR PAR UTILISATION DE REVETEMENT A EMISSIVITE VARIABLE
106499	01/04/2006	YES	SIMANE Olivier	BOULIER SOLAIRE AUTO GUIDE
800292	12/09/2006	YES	LAGORSSE Joël, BUGADA Dominique	GUIDES D'ONDES A STABILITE DE PHASE : SYSTEME MECANIQUE DE COMPENSATION EN TEMPERATURE
800534	26/10/2006	_____	PACAUD Damien	Dual-mode filters with orthogonal cavities
800535	26/10/2006	_____	NASTA Rodolphe, POPULUS Thierry	Récepteur télécommande bi-mode PM/FM pour satellite
800675	17/11/2006	YES	Acquisition Super-XS	DOUILLET Francis, BLANC Philippe
800676	17/11/2006	_____	Répartition adaptée du débit entre chaînes de compression	PIGOUCHE Olivier, LEBEDEFF Dimitri
800677	17/11/2006	YES	New optical concept for multi-spectral imaging	ZAMKOTSIAN Frederic, VIARD Thierry

SSD RELATED BUSINESS INVENTION DISCLOSURE

Docket	Open date	Filing decision	Inventors	Title
800681	17/11/2006	_____	LARGE TELESCOPES COVER AND SEALING SYSTEM	GENNARO Corrado, BERTUCCIO Enrico Domenico
800682	17/11/2006	_____	A SEGMENTED X-RAYS EXTENSIBLE BAFFLE SYSTEM	BERTUCCIO Enrico Domenico, BONINO Luciana
800685	20/11/2006	_____	LEVY Jean Christophe	Pseudo real time estimation of local Navigation system Integrity
801139	16/02/2007	YES	Stéréo pour Imageur réalisée avec deux lignes de détection faiblement écartées ou une ligne de détection unique	GARIN Stéphane, BLANC Jean-François
801140	16/02/2007	YES	Mesure de la défocalisation d'un instrument par rajout d'une barrette- instrument auto focus	PIGOUCHE Olivier, DANTES Didier
801141	16/02/2007	YES	SYSTEME DE PROTECTION SOLAIRE POUR UN INSTRUMENT SPATIAL LORSQU'IL POINTE DANS UNE DIRECTION PROCHE DE CELLE DU SOLEIL	ALIS Claude, VIEILLOT Jacques
801142	16/02/2007	_____	Céramique nanostructurée à très bas coefficient de dilatation ajustable	BLANCHARD Laurent, TORRECILLAS Ramon
801143	16/02/2007	_____	Complementary data gatherer for EO satellite	SAINCT Hervé
801144	16/02/2007	YES	Wind-powered High-Altitude Long-Endurance platform	RENAULT Hervé, SAINT Hervé
801145	16/02/2007	_____	Support Magnétique pour Bouclier Thermique	CLERC Sébastien, CANAS Ludovic
801165	21/02/2007	YES	Réseau et Assemblage de coverglass conducteur (ITO) sur cellule solaire	BOULANGER Bernard, ZUGAJ Hervé
801175	26/02/2007	_____	Vol en Formation à Multiplication du débit de descente télémètre par utilisation de l'ISL (Inter-Satellite Link)	LEYRE Xavier
801176	26/02/2007	YES	Magnetic Space Sample Capture device and procedure	RENAULT Hervé, ARBUSTI Francis, SAINT Hervé
801177	26/02/2007	_____	actionneur électro-strictif à base de ter-polymère P(VDF TrFE-CFE)	LIOTARD Arnaud, ALLEZY Arnaud
801178	26/02/2007	YES	Mirror Astigmatism correction/modification without mechanism	SINGER Christian, DEVILLIERS Christophe, LASIC Thierry



Greffes du Tribunal de Commerce de Paris
 1, quai de la Corse
 75181 PARIS CEDEX 04

KBIS

EXTRAIT DU REGISTRE DU COMMERCE ET DES SOCIETES
 au 20 décembre 2006

IDENTIFICATION

Dénomination Sociale : **ALCATEL LUCENT**
 Numéro d'identification : 542 019 096 R.C.S. PARIS
 Numéro de gestion : 1954 0 01909
 Date d'immatriculation : 2 juin 1954

RENSEIGNEMENTS RELATIFS A LA PERSONNE MORALE

Forme juridique : SOCIETE ANONYME
 Au capital de : 4 619 682 740,00 €
 Adresse du siège : 54 RUE LA BOETIE 75008 PARIS
 Durée de la société : Jusqu'au 30 juin 2086
 Date d'arrêté des comptes : le 31/12
 Constitution - Dépôt de l'acte constitutif : Au Greffe du Tribunal de Commerce de PARIS le 18 juin 1898
 Publication : Journal LA GAZETTE DES TRIBUNAUX du 09-06-1898

ADMINISTRATION

PRESIDENT DU CONSEIL D'ADMINISTRATION M. TCHURUK SERGE
 né le 13 novembre 1937 à MARSEILLE 13001 (FRANCE)
 de nationalité Française
 demeurant 54 RUE LA BOETIE 75008 PARIS

DIRECTEUR GENERAL ET ADMINISTRATEUR Mme RUSSO Patricia
 née le 12 juin 1952 à TRENTON NEW JERSEY (ETATS-UNIS)
 de nationalité Américaine (Etats Unis)
 demeurant Heritage court Far Hills nj 07931 Etats-Unis

ADMINISTRATEUR M. BERNARD DANIEL CAMILLE
 né le 18 février 1946 à CATEAU (59)
 de nationalité Française
 demeurant 26 AVE DES TILLEULS 79400 CHATOU

ADMINISTRATEUR M. BLOUNT WILLIAM FRANKLIN
 né le 26 juillet 1938 à ATLANTA - GEORGIA (ETATS-UNIS)
 de nationalité Américaine (Etats Unis)
 demeurant 105 FLYWAY DRIVE KIAWAH SC 29455 USA

ADMINISTRATEUR M. HALBRON JEAN-PIERRE LEOPOLD
 né le 31 août 1936 à PARIS 75016 (FRANCE)
 de nationalité Française
 demeurant 19 R SAINT JAMES 92200 NEUILLY SUR SEINE

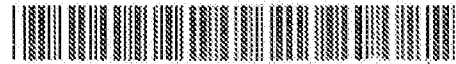
ADMINISTRATEUR M. CORNIG JOZEF
 né le 15 novembre 1944 à KEMZEKE (BELOIQUE)
 de nationalité Belge
 demeurant PEIINAERTLAAN (KEM) 80-9090 STEKENE BELGIQUE

ADMINISTRATEUR M. LEBEGUE DANIEL
 né le 4 mai 1943 à LYON 69004 (FRANCE)
 de nationalité Française
 demeurant 25 R DE BOURGOGNE 75007 PARIS

ADMINISTRATEUR M. SCHACHT Henry Brewer
 né le 18 octobre 1934 à PRIS PENNSYLVANIA (ETATS-UNIS)
 de nationalité Américaine (Etats Unis)
 demeurant Warburg Plaza III 466 Lexington Avenue New York ny 10017-2147 Etats-Unis

PATENT

REEL: 021986 FRAME: 0295



ADMINISTRATEUR Mme DELLY Linnet Frazier
née le 20 juin 1945 à DALLAS TEXAS (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant 1000 Upton Park blvd # 134 Houston Texas 77056-3247 Etats-
Unis

ADMINISTRATEUR M. DENHAM Robert Edwin
né le 27 août 1945 à DALLAS TEXAS (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant 851 South Oakland Avenue Pasadena Etats-Unis

ADMINISTRATEUR M. KRAPEK Karl John
né le 5 décembre 1948 à IOWA (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant United Technologies corporation 11 Pembroke Drive Avon
Connecticut 06001-3970 Etats-Unis

ADMINISTRATEUR M. HAGENLOCKER Edward Emerson
né le 18 novembre 1939 à OHIO (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant 3703 West Maple Road Suite 203 Bloom field Hills Michigan
48301 Etats-Unis

ADMINISTRATEUR Mme JAY Sylvia
née le 1 novembre 1946 à BISPHAM (ROYAUME-UNI)
de nationalité Britannique
demeurant Hammersmith Road 255 London w6 8az Royaume-Uni

ADMINISTRATEUR M. SPINETTA Jean-Cyril
né le 4 octobre 1943 à PARIS 75015 (FRANCE)
de nationalité Française
demeurant 7 rue Pierre Nicole 75005 Paris

**COMMISSAIRE AUX COMPTES
TITULAIRE** ERNST & YOUNG ET AUTRES
41 RUE YBRY 92576 NEUILLY SUR SEINE
438 476 913 R.C.S. NANTERRE

**COMMISSAIRE AUX COMPTES
TITULAIRE** DELOITTE & ASSOCIES (SOCIETE ANONYME)
185 AVE CHARLES DE GAULLE 92524 NEUILLY SUR SEINE CEDEX
572 028 041 R.C.S. NANTERRE

**COMMISSAIRE AUX COMPTES
SUPPLEANT** BEAS (SOCIETE A RESPONSABILITE LIMITEE)
7/9 villa Houssay 92200 Neuilly sur Seine
315 172 445 R.C.S. NANTERRE

**COMMISSAIRE AUX COMPTES
SUPPLEANT** AUDITEX (SOCIETE ANONYME)
faubourg de l'Arche 11 allée de l'Arche 92400 Courbevoie
377 652 938 R.C.S. NANTERRE

RENSEIGNEMENTS RELATIFS A L'ACTIVITE ET L'ETABLISSEMENT

Origine du fonds ou de l'activité : CREATION D'UN FONDS DE COMMERCE

Activité : TOUTES OPERATIONS CONCERNANT LES INDUSTRIES ELECTRIQUES,
ELECTRONIQUES OU CONNEXES ET LES PRESTATIONS DE SERVICES ET
TOUTES OPERATIONS POUVANT S'Y RATTACHER PRISE D'INTERET DANS
TOUTES ENTREPRISES OU TOUTS ORGANISMES FRANCAIS OU ETRANGERS

Nom Commercial : ALCATEL LUCENT

Adresse de l'établissement principal : 54 RUE LA BOETIE 75008 PARIS

Début d'exploitation le : 16 mai 1898

Mode d'exploitation : EXPLOITATION DIRECTE



OBSERVATIONS

24 juillet 1991, N°46088 SOCIETES AYANT PARTICIPE A LA FUSION : GENERALE OCCIDENTALE (RCS PARIS B552030306) - TROCADERO PARTICIPATIONS (RCS PARIS B722050861) - SAFT (RCS BOBIGNY 8775734221) - LOCATEL (RCS NANTERRE B622040291)

24 juillet 1992, N°47113 SOCIETE AYANT PARTICIPE A L'APPORT : ITT DELAWARE INVESTMENTS INC SOCIETE REGIE PAR LES LOIS DU DELAWE FILIALE D'ITT CORPORATION

5 juillet 1996, N°37123 SOCIETES AYANT PARTICIPE A LA FUSION : SOCIETE AUXILIAIRE MARSEILLAISE DE GESTION - SAMAG RCS PARIS B 542092614 - SOCIETE ALCATEL CABLE RCS NANTERRE B 969503176

19 juin 2003, N°2732 MISE EN HARMONIE DES STATUTS AVEC LA LOI 2001-420 DU 15 MAI 2001

Délivré à Paris, le 21 décembre 2006

Tarif (Décret du 10/10/06) H.T. N.Y.
DR 223 00

Le Greffier,

Droits de Greffe	2,50€
Total H.T.	2,50€
T.V.A. 19,6%	0,51€

Total T.T.C.	3,01€

PATENT

REEL: 021986 FRAME: 0297

Alcatel Lucent

Société anonyme au capital de € 4 618 682 740
Siège social : 54, rue La Boétie - 75008 Paris
542 019 096 RCS Paris

EXTRAIT DU PROCÈS-VERBAL DES DÉLIBÉRATIONS DU CONSEIL D'ADMINISTRATION DU 30 NOVEMBRE 2006

L'an deux mille six,
Le 30 novembre,
à seize heures,

le conseil d'administration de la société Alcatel s'est réuni au siège social, 54 rue La Boétie, 75008 Paris, sur convocation par courrier électronique et lettre en date du 22 novembre 2006 adressés aux administrateurs.

La séance est présidée par M. Serge Tchuruk et le secrétariat est assuré par M. Pascal Durand-Barthez.

Sont présents et ont émargé le registre de présence :

M.	Serge Tchuruk	Président du conseil d'administration
Mme	Patricia F. Russo	Directeur général
MM	Daniel Bernard	Administrateur
	Frank Blouot	Administrateur
	Jozef Cornu	Administrateur
Mme	Linnet F. Deilly	Administrateur
MM.	Robert E. Denham	Administrateur
	Jean-Pierre Halbron	Administrateur
	Edward Hagenlocker	Administrateur
Lady	Sylvia Jay (<i>après cooptation</i>)	Administrateur
MM.	Karl J. Krappek	Administrateur
	Daniel Lebègue	Administrateur
	Henty B. Schacht	Administrateur

Est absent, excusé et adressé un pouvoir pour le représenter

M. Jean-Cyril Spinetta Administrateur

Assistent également à la séance :

MM.	Thierry de Loppinot	Censeur
	Jean-Pierre Desbois	Censeur
	Jean-Pascal Beaufret	Directeur financier
	Pascal Durand-Barthez	Secrétaire du conseil

Le Président remercie les administrateurs de leur présence à ce conseil et leur demande de bien vouloir excuser l'absence de M. Jean-Cyril Spinetta.

Le conseil, réunissant la présence effective de plus de la moitié de ses membres, peut valablement délibérer.

2. CLOSING DE L'OPÉRATION LUCENT

CONSTATATION DE L'ENTRÉE EN VIGUEUR DES STATUTS

Il est rappelé que l'assemblée générale réunie le 7 septembre 2006, a procédé, au terme de la trentième résolution, à la modification, sous la condition suspensive de la réalisation de l'Opération conformément aux termes du Merger Agreement, de certaines dispositions statutaires ayant vocation à s'appliquer uniquement pendant la période d'intégration des équipes formant le nouveau groupe, et d'autres dispositions ayant vocation à durer au-delà de cette période initiale de transition.

Le conseil d'administration constate l'entrée en vigueur à compter de ce jour des nouvelles dispositions statutaires ainsi qu'il suit et l'adoption des nouveaux statuts tels qu'annexés ci-après :

- la nouvelle dénomination sociale « Alcatel Lucent » (article 3) ;

Le conseil d'administration, après en avoir délibéré, approuve, séance tenante, le texte de la présente délibération qui pourra, en conséquence, être intégralement repris sans modification dans le procès-verbal des délibérations du présent conseil d'administration ou dans tout extrait qui pourrait être délivré dès l'issue du présent conseil.

Plus rien n'étant à l'ordre du jour et aucun administrateur ne demandant plus la parole, la séance est levée à 16 heures 30.

De tout ce que dessus a été dressé le présent procès-verbal qui a été signé, après lecture, par le Président et un administrateur.

Le Président

Un administrateur

CERTIFIÉ CONFORME

