Axway Inc. - Active Tumbleweed-Sourced Families

Managed File Transfer (MFT)				Firewall			CA		_								
naged File Transfer (MFT)	MFT-Doc Convert	MFT- Enrollment	Private URL	Policy Enforcement	Messaging Firewall	Crypto- Security Firewall	Anti-Spam	Certificate Authority	Reference #	Client Reference	Application #	Filed Date	Title	Patent #	Issue Date	Country Name	Status
V									50326.00015	127-0001TW	086115643	10/22/1997	Electronic Document Delivery System In which Notification Of Said Electronic Document Is Sent To A Recipient Thereof	118892	8/1/2000	TAIWAN	ISSUED (will lapse in due course)
√									50326.00007	127-0001-2TW	087116360	10/1/1998	Method And Apparatus For Delivering Documents Over An Electronic Network	146895	12/1/2001	TAIWAN	ISSUED (will lapse in due course)
√									50326.00001	127-0001 US	08/738966	10/24/1996	Electronic Document Delivery System In which Notification Of Said Electronic Document Is Sent To A Recipient Thereof	5790790	8/4/1998	UNITED STATES	ISSUED
√			√						50326.00002	127-0001-1 US	08/832784	4/4/1997	Private, Trackable URLs For Directed Document Delivery	6192407	2/20/2001	UNITED STATES	ISSUED
√									50326.00004	127-0001-2 US	08/957986	10/2/1997	Method And Apparatus For Delivering Documents Over An Electronic Network	6385655	5/7/2002	UNITED STATES	ISSUED
√			V						50326.00008	127-0001-3 US	09/353164	7/14/1999	Electronic Document Delivery System In Which Notification Of Said Electronic Document Is Sent To A Recipient Thereof	6487599	11/26/2002	UNITED STATES	ISSUED
			√						50326.00010	127-0001-5 US	09/522250	3/9/2000	Private Trackable URLs For Directed Document Delivery	6529956	3/4/2003	UNITED STATES	ISSUED
	√	√							50326.00016	127-0002 US	08/792171	1/30/1997	Distributed Dynamic Document Conversion Server	6119137	9/12/2000	UNITED STATES	ISSUED
V									50326.00022	127-0003TW	087104858	3/31/1998	Document Delivery System	117795	7/1/2000	TAIWAN	ISSUED (will lapse in due course)
√									50326.00018	127-0003 US	08/829976	4/1/1997	Distributed Dynamic Document Conversion Server	6061448	5/9/2000	UNITED STATES	ISSUED
V	V					√			50326.00023	127-0004 US	09/122619	7/23/1998	Method And Apparatus For Effecting Secure Document Format Conversion	6151675	11/21/2000	UNITED STATES	ISSUED
V	√					√			50326.00024	127-0004-1 US	09/715940	11/17/2000	Method And Apparatus For Effecting Secure Document Format Conversion	6470086	10/22/2002	UNITED STATES	ISSUED
V	√					√			50326.00025	127-0004-2 US	10/013765	12/10/2001	Method And Apparatus For Effecting Secure Document Format Conversion	6516411	2/4/2003	UNITED STATES	ISSUED
$\sqrt{}$	√					√			50326.00026	127-0004-3 US	10/356833	2/3/2003	Method And Apparatus For Effecting Secure Document Format Conversion	6748529	6/8/2004	UNITED STATES	ISSUED
√		√							50326.00034	127-0005 US	09/057966	4/9/1998	Sender Driven Certificate Enrollment System	6651166	11/18/2003	UNITED STATES	ISSUED
√		√							50326.00041	127-0006 CA	2383000	8/16/2000	Solicited Authentication Of A Specific User	2383000	4/12/2011	CANADA	ISSUED
V									50326.00036	127-0006 US	09/387444	8/31/1999	Solicited Authentication Of A Specific User	6725381	4/20/2004	UNITED STATES	ISSUED
V		√							50326.00037	127-0006-1 US	10/763968	1/23/2004	Solicited Authentication Of A Specific User	7356834	4/8/2008	UNITED STATES	ISSUED
		√							50326.00038	127-0006-2 US	12/098321	4/4/2008	Solicited Authentication Of A Specific User	8234690	7/31/2012	UNITED STATES	ISSUED
		√							50326.00039	127-0006-3 US	13/560986	7/27/2012	Solicited Authentication Of A Specific User	8661509	2/25/2014	UNITED STATES	ISSUED
V				√					50326.00046	127-0007 US	09/540023	3/31/2000	Policy Enforcement In A Secure Data File Delivery System	6826609	11/30/2004	UNITED STATES	ISSUED
√				√					50326.00048	127-0007-2 US	10/790901	3/1/2004	Policy Enforcement In A Secure Data File Delivery System	8196183	6/5/2012	UNITED STATES	ISSUED
√				√					50326.00049	127-0007-3 US	13/481549	5/25/2012	Policy Enforcement In A Secure Data File Delivery System			UNITED STATES	PENDING/Published
					V	√,			50326.00051	127-0008-1 US	09/967117	9/29/2001	E-Mail Firewall With Stored Key Encryption/Decryption	7162738	1/9/2007	UNITED STATES	INACTIVE/Reissued
			1		√	√			50326.00063	127-0008-6 US	11/516365	9/5/2006	E-Mail Firewall With Policy-Based Cryptosecurity	8255683	8/28/2012	UNITED STATES	ISSUED
					V	√			50326.00064	127-0008-7 US	11/642117		E-Mail Firewall With Stored Key Encryption/Decryption	8607042	12/10/2013	UNITED STATES	ISSUED
			1		√				50326.00065	127-0008-8 US	11/642165	12/19/2006	E-Mail Firewall	7380274	5/27/2008	UNITED STATES	ISSUED
					V	√	,		50326.00066	127-0008-9 US	11/807953	5/29/2007	E-Mail Firewall With Stored Key Encryption/Decryption	RE43302	4/3/2012	UNITED STATES	ISSUED
					√,		√		50326.00052	127-0008-10 US	12/355538	1/16/2009	Delay Technique In E-Mail Filtering System	0000:	0/40/	UNITED STATES	PENDING/Published
					√	√			50326.00053	127-0008-11 US	13/595621	8/27/2012	E-Mail Firewall With Policy-Based Cryptosecurity	8806191	8/12/2014	UNITED STATES	ISSUED
					√				50326.00178		14/453441	8/6/2014	E-Mail Firewall With Policy-Based Cryptosecurity			UNITED STATES	PENDING/Published
					2/	1			50326.00068	127-0008CA	2301147	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	2301147	7/13/2010	CANADA	ISSUED

Axway Inc. - Selected Patent Matters

Confidential

Managed File Transfer (MFT)					Firewall			CA										
Managed File Transfer (MFT)	MFT-Doc Convert	MFT- Enrollment	Private URL	Policy Enforcement	Messaging Firewall	Crypto- Security Firewall	Anti-Spam	Certificate Authority	Reference #	Client Reference	Application #	Filed Date	Title	Patent #	Issue Date	Country Name		itatus
()	Convert	Linointene	Titute one	Linordement	,	,	7 inci opaini	racioney	50326.00069	127-00008 SWIT	98939097.6	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	1010283		SWITZERLAND	ISSUED	recetus
					√ √	√ √			50326.00070	127-0008GERM	98939097.6/DE1998603 6545	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	1010283	11/29/2006	GERMANY	ISSUED	
					V	,			50326.00054	127-0008-1 GERM	06022815.2	11/2/2006	E-Mail Firewall	1750384	9/30/2009	GERMANY	ISSUED	
					V	V			50326.00071	127-0008EPC	98939097.6	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	1010283	11/29/2006	EUROPEAN PATENT CONVENTION	ISSUED	
					V				50326.00055	127-0008-1 EPC	06022815.2	11/2/2006	E-Mail Firewall	1750384	9/30/2009	EUROPEAN PATENT CONVENT	ISSUED	
					√	√			50326.00072	127-0008FRAN	98939097.6	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	1010283	11/29/2006	FRANCE	ISSUED	
					√				50326.00056	127-0008-1 FRAN	06022815.2	7/23/1998	E-Mail Firewall	1750384	9/30/2009	FRANCE	ISSUED	
					√	\checkmark			50326.00073	127-0008GBRI	98939097.6	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	1010283	11/29/2006	UNITED KINGDOM	ISSUED	
					√				50326.00057	127-0008-1 GBRI	06022815.2	7/23/1998	E-Mail Firewall	1750384	9/30/2009	UNITED KINGDOM	ISSUED	
					√	√			50326.00074	127-0008 HONG	98939097.6	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	1010283	11/29/2006	HONG KONG	ISSUED (will la course)	apse in due
					√	√			50326.00075	127-0008 IREL	98939097.6	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	1010283	11/29/2006	IRELAND	ISSUED	
					√	√			50326.00076	127-0008 JAPA	2000-504677	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	3932319	3/30/2007	JAPAN	ISSUED	
					√				50326.00058	127-0008-1 NETH	06022815.2	7/23/1998	E-Mail Firewall	1750384	9/30/2009	NETHERLANDS	ISSUED	
					V	V			50326.00050	127-0008 US	09/180377	7/23/1998	E-Mail Firewall With Stored Key Encryption/Decryption	6609196	8/19/2003	UNITED STATES	ISSUED	
					√ √	√			50326.00080	127-0009 US	09/887313	6/22/2001	Method And System For E-Mail Message Transmission	7127741	10/24/2006	UNITED STATES	ISSUED	
					√	√			50326.00081	127-0009-1 US	11/522012	9/14/2006	Method And System For E-Mail Message Transmission	7401356	7/15/2008	UNITED STATES	ISSUED	
					V	√			50326.00082	127-0009-2 US	12/172819	7/14/2008	Method And System For Messaging Security	8407780	3/26/2013	UNITED STATES	ISSUED	
					V	√			50326.00083	127-0009-3 US	13/849432	3/22/2013	Method And System For Messaging Security			UNITED STATES	PENDING/Pul	blished
\checkmark	√								50326.00085	127-0010 US	08/800864	2/14/1997	Method And System For Binary Data Firewall Delivery	6502191	12/31/2002	UNITED STATES	ISSUED	
					V		V		50326.00086	127-0011 US	10/154137	5/22/2002	Method And System For Filtering Communication	7117358	10/3/2006	UNITED STATES	ISSUED	
							V		50326.00087	127-0011-1 US	11/508779	8/23/2006	Method And System For Filtering Communication	7389413	6/17/2008	UNITED STATES	ISSUED	
					√		√		50326.00088	127-0011-2 US	12/140149	6/16/2008	Method And System For Filtering Communication	8943308	1/27/2015	UNITED STATES	ISSUED	
							√		50326.180US04		14/577535	12/19/2014	Method And System For Filtering Communication		- / /	UNITED STATES	PENDING/Pul	blished
							V		50326.00096	127-0016 US	10/678602	10/3/2003	Dynamic Message Filtering	7257564	8/14/2007	UNITED STATES	ISSUED	
						-1	√		50326.00097 50326.00104	127-0016-1 US 127-0018	11/639554 08/956563	12/15/2006 10/23/1997	Dynamic Message Filtering Encryption And Decryption System And Method With	7653606 6393568	1/26/2010 5/21/2002	UNITED STATES UNITED STATES	ISSUED	
						V			50326.00114	127-0020 SG	1998057052	5/13/1997	Content Analysis Provision Apparatus And Method For Demonstrating And Confirming The Status Of A Digital Confidence And Other Date	60542	5/23/2000	SINGAPORE	ISSUED (will la	apse in due
								√	E0226 00406	127 0020 UC	00/645750	E /4 4 /400C	The Status Of A Digital Certificate And Other Data	E003054	E/11/4000	HAUTED STATES	course)	
								√	50326.00106	127-0020 US	08/645759	5/14/1996	Apparatus And Method For Demonstrating And Confirming The Status Of A Digital Certificate And Other Data	5903651	5/11/1999	UNITED STATES	ISSUED	
								√ V	50326.00107	127-0020-1 US	09/103656	6/23/1998	Apparatus And Method For Demonstrating And Confirming The Status Of A Digital Certificate And Other Data	6532540	3/11/2003	UNITED STATES	ISSUED	
								· √	50326.00108	127-0020-2 US	09/123732	7/28/1998	Apparatus And Method For Demonstrating And Confirming The Status Of A Digital Certificate And Other Data	6442689	8/27/2002	UNITED STATES	ISSUED	
								<u> </u>	50326.00109	127-0020-3 US	09/511645	2/22/2000	Apparatus And Method For Demonstrating And Confirming The Status Of A Digital Certificate And Other Data	6901509	5/31/2005	UNITED STATES	ISSUED	
				<u> </u>				√									1	

Axway Inc. - Selected Patent Matters

	Managed File Transfer (MFT) Firewall						CA										
Managed File						Crypto-											
Transfer (MFT)	MFT-Doc Convert	MFT- Enrollment	Drivata LIDI	Policy Enforcement	Messaging Firewall	Security Firewall	Anti-Spam	Certificate Authority	Reference #	Client Reference	Application #	Filed Date	Title	Patent #	Issue Date	Country Name	Status
(WIP1)	Convert	Linoiment	Private OKL	Emorcement	riiewaii	riiewaii	Апстэрап	√	50326.00110	127-0020-4 US	10/106869	3/25/2002	Apparatus And Method For Demonstrating And Confirming The Status Of A Digital Certificate And Other Data	7073056		UNITED STATES	ISSUED
								√	50326.00111	127-0020-5 US	11/069687		Apparatus And Method For Demonstrating And Confirming The Status Of A Digital Certificate And Other Data	7526644	4/28/2009	UNITED STATES	ISSUED
									50326.00118	127-0022 US	09/792949	2/26/2001	Mechanism For Efficient Private Bulk Messaging	6912285	6/28/2005	UNITED STATES	ISSUED
√									50326.00119	127-0022-1 US	11/107679	4/15/2005	Mechanism For Efficient Private Bulk Messaging	8335919	12/18/2012	UNITED STATES	ISSUED
√									50326.00120	127-0022-2 US	13/717,297	12/17/2012	Mechanism For Efficient Private Bulk Messaging	8924719	12/30/2014	UNITED STATES	ISSUED
$\sqrt{}$									50326.00179		14/566,345	12/10/2014	Mechanism For Efficient Private Bulk Messaging			UNITED STATES	PENDING

	Managed	d File Transf	er (MFT)		CA			
Managed File Transfer (MFT)	MFT-Doc Convert	MFT- Enrollment	Private URL	Policy Enforcement	Messaging Firewall	Crypto- Security Firewall	Anti-Spam	Certificate Authority
24	6	7	3	3	29	24	7	7
		28			7			

Total Patent Grants: 63 (44 US, 11 EMEA, 6 APAC, 2 Canada)

Applications Pending: