

PATENT ASSIGNMENT

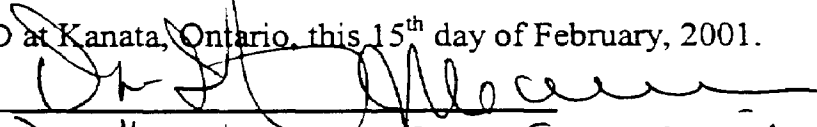
WHEREAS Mitel Corporation (hereinafter "the Assignor"), whose full post office address is 350 Legget Drive, Kanata, Ontario, Canada, K2K 2W7, is the owner of patents and patent applications set out in Schedule "A" hereto (hereinafter the "Patents")

AND WHEREAS Mitel Knowledge Corporation (hereinafter "the Assignee") whose full post office address is 350 Legget Drive, Kanata, Ontario, Canada, K2K 2W7, is desirous of acquiring all of the Assignor's worldwide right, title and interest in and to the Patents;

NOW THEREFORE, in consideration of ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby irrevocably and unconditionally sells, assigns, transfers and conveys to the Assignee, all of its right, title and interest in Canada, the United States and all jurisdictions throughout the world in and to the Patents and the invention or inventions described therein, and including: its corresponding right to claim priority from the said Patents in any country or jurisdiction; all continuations, continuations-in-part, divisionals, re-examinations, re-issues, extensions and renewals of the Patents; its corresponding right, title, and interest in and to any patents which may issue from the Patents or any of them; and, all rights of action appurtenant or relating thereto, including, without limitation, all rights of action in respect of past infringement, all the said Patents to be held and enjoyed by the said Assignee to the full end of the term for which the said Patents are granted, as fully and entirely as the said Patents could have been held and enjoyed by the said Assignor if this Assignment had not been made.

Assignor hereby covenants and agrees that it will, without further consideration, and as may be requested by Assignee from time to time, communicate with Assignee, its successors and assigns, any facts known to it respecting the Patents, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to the Patents in said Assignee, its successors or assigns, make all rightful oaths and generally do everything possible to aid Assignee, to obtain full and complete assignment of the Patents.

SIGNED at Kanata, Ontario, this 15th day of February, 2001.

Per: 

Name: Don H. Intyre SS Corporation

Title: Sr. VP Human Resources General Counsel & Secretary

I have the authority to bind the Corporation.

The undersigned Assignee hereby accepts this Assignment.

Per: 

Name: _____

Title: _____

I have the authority to bind the Corporation.

SCHEDULE A

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2

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
14	CAN	561623	1,336,449	07/25/95	Telephone call answering system	Debbie Pinard	
47	CAN	2043127	2043127	05/07/1996	Wireless communication zone management system	M. R. Handforth	Mitel Corporation
47	GER	4217283			Wireless communication zone management system	M. R. Handforth	Mitel Corporation
47	IT	M192A001048	1255119	20/10/1995	Wireless communication zone management system	M. R. Handforth	Mitel Corporation
47	MEX	922398	175334		Wireless communication zone management system	M. R. Handforth	Mitel Corporation
47	UK	9211039	2257321	05/22/92	Wireless communication zone management system	M. R. Handforth	Mitel Corporation
47	US	875981	5,329,576	07/12/94	Wireless communication zone management system	M. R. Handforth	Mitel Corporation
47	US	238632	5,586,167	12/17/96	Wireless communication zone management system	M. R. Handforth	Mitel Corporation
53	CAN	2056828	2056828	07/22/97	Keypad and method of manufacture	M. K. Eldershaw	Mitel Corporation
53	US	845503	5,311,656	05/17/94	Keypad method of manufacture	M. K. Eldershaw	Mitel Corporation
60	CAN	2048217	2048217	12/17/96	Abandoned call control and indication	Boyle	Mitel Corporation
60	UK	9215987	2258367	07/28/92	Abandoned call control and indication	Boyle	Mitel Corporation
60	US	755488	5,475,745	12/12/95	Abandoned call control and indication	Boyle	Mitel Corporation
63	CAN	2108225	2108225	07/22/97	Charger/detector for cordless telephones	Rolf Meier, Peter Bligh, Chris Butler & Michael Rehder	Mitel Corporation
63	UK	9420589.5	2283389	12/08/1998	Charger/detector for cordless telephones	Rolf Meier, Peter Bligh, Chris Butler & Michael Rehder	Mitel Corporation
63	US	321239	5,596,633	01/21/97	Charger/detector for cordless telephones	Rolf Meier, Peter Bligh, Chris Butler & Michael Rehder	Mitel Corporation
77	CAN	2053382	2,053,382	04/18/00	Regulated auxiliary power supply	Tom Lavrisa	Mitel Corporation
77	EU	92921197.7	607,246	12/13/95	Regulated auxiliary power supply	Tom Lavrisa	Mitel Corporation
77	MEX	925877	178696	07/13/95	Regulated auxiliary power supply	Tom Lavrisa	Mitel Corporation
77	PC	CA92/00443			Regulated auxiliary power supply	Tom Lavrisa	Mitel Corporation
77	UK	92921197.7	607,246	12/13/95	Regulated auxiliary power supply	Tom Lavrisa	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
77	US	08/211618	5,502,634	03/26/96	Regulated auxiliary power supply	Tom Lavrisa	Mitel Corporation
78	CAN	2049583	2,049,583	04/18/00	Off-Hook Telephone with Temporary Park Feature	T. A. Milc	Mitel Corporation
78	EU	92917629.5	599,931	05/14/97	Off-Hook Telephone with Temporary Park Feature	T. A. Milc	Mitel Corporation
78	MEX	934832	180142	11/12/1995	Off-Hook Telephone with Temporary Park Feature	T. A. Milc	Mitel Corporation
78	PC	CA92/00357			Off-Hook Telephone with Temporary Park Feature	T. A. Milc	Mitel Corporation
78	US	08/196,238	5,440,628	08/08/95	Off-Hook Telephone with Temporary Park Feature	T. A. Milc	Mitel Corporation
79	CAN	2053776	2053776	05/23/00	Wireless interface	Meier	Mitel Corporation
79	EU	92921893.1	0,610,287		Wireless interface	Meier	Mitel Corporation
79	GER	92921893.1	0,610,287	21/01/1997	Wireless interface	Meier	Mitel Corporation
79	MEX	9260584302	180750	02/01/1996	Wireless interface	Meier	Mitel Corporation
79	PC	CA92/00466			Wireless interface	Meier	Mitel Corporation
79	UK	92921893.1	610287	01/21/97	Wireless interface	Meier	Mitel Corporation
79	US	08/702801	5,677,942	10/14/97	Wireless interface	Meier	Mitel Corporation
81	CAN	2062040			Mobile wireless communications system	Pinard	Mitel Corporation
81	MEX	931113	182,643	09/13/96	Mobile wireless communications system	Pinard	Mitel Corporation
81	UK	9303876.8	2264841	08/02/95	Mobile wireless communications system	Pinard	Mitel Corporation
81	US	08/021862	5,423,065	06/06/95	Mobile wireless communications system	Pinard	Mitel Corporation
93	CAN	2065131	2065131	09/15/98	Method of defining operation of switching system peripherals	R. C. Veeneman, S. G. Fullerton, D. C. Peters, M. C. Rehder, T. Rose, J. J. Tranter, A. J. Weatherson	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
93	US	41955	5,386,459	01/31/95	Method of defining operation of switching system peripherals	R. C. Veeneman, S. G. Fullerton, D. C. Peters, M. C. Rehder, T. Rose, J. J. Tranter, A. J. Weatherson	Mitel Corporation
96	CAN	2078081			Network node event notification in circuit switched environments	Sestak	Mitel Corporation
96	UK	9318546	2270607	08/21/96	Network node event notification in circuit switched environments	Sestak	Mitel Corporation
96	US	08/119980	5,999,592	12/07/99	Network node event notification in circuit switched environments	Sestak	Mitel Corporation
96	US	09/433488			Network node event notification in circuit switched environments	Sestak	Mitel Corporation
98	CAN	2080159	2080159	09/15/98	Digital signal processor interface	Gresham	Mitel Corporation
98	IT	M193A002136	2,271,448	03/13/96	Digital signal processor interface	Gresham	Mitel Corporation
98	UK	9319629.3	2,271,448	03/13/96	Digital signal processor interface	Gresham	Mitel Corporation
98	US	08/065533	5,649,148	07/15/97	Fast digital signal processor interface using data interchanging between two memory banks	Gresham	Mitel Corporation
105	CAN	2085280	2085280	08/15/00	Delayed Cancel Call Waiting	Quirk	Mitel Corporation
105	UK	9324948	2,273,419	10/30/96	Delayed Cancel Call Waiting	Quirk	Mitel Corporation
105	US	08/163004	5,425,092	06/13/95	Delayed Cancel Call Waiting	Quirk	Mitel Corporation
106	CAN	2081125	2081125	04/03/1997	Portable telephone user profiles	D.L.Pinard & G. Wilson	Mitel Corporation
106	GER	P4335803.9-31	4335803C2	10/14/99	Portable telephone user profiles	D.L.Pinard & G. Wilson	Mitel Corporation
106	UK	9319628.5	2271912	05/02/1997	Portable telephone user profiles	D.L.Pinard & G. Wilson	Mitel Corporation
106	US	25869	5,657,377	08/12/97	Portable telephone user profiles	D.L.Pinard & G. Wilson	Mitel Corporation
107	CAN	2078045	2,078,045	11/16/99	Global management of telephone directory	Sestak & M.L. Wright	Mitel Corporation
107	GER	P4330986.0	P4330986.0	06/08/1998	Global management of telephone directory	Sestak & M.L. Wright	Mitel Corporation
107	UK	9318795.3	2270608	09/25/96	Global management of telephone directory	Sestak & M.L. Wright	Mitel Corporation
107	US	119983	5,509,058	04/16/96	Global management of telephone directory	Sestak & M.L. Wright	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
109	CAN	2080797	2080797	02/02/1999	Method of operating a computer program using database schema and related language dictionaries	Letskeman & Harford	Mitel Corporation
109	US	07962,330	5,659,738	08/19/97	Method of operating a computer program using database schema and related language dictionaries Method of establishing communication	Letskeman & Harford	Mitel Corporation
111	CAN	2088420	2088420	08/10/1996	link to one of multiple devices associated with single telephone number Method of establishing communication	D.L.Pinard, V.K.Raju & M.C. Rehder	Mitel Corporation
111	GER	4325773.9	4325773	07/31/93	link to one of multiple devices associated with single telephone number Method of establishing communication	D.L.Pinard, V.K.Raju & M.C. Rehder	Mitel Corporation
111	UK	9316752.6	2,274,758B	03/12/97	link to one of multiple devices associated with single telephone number Method of establishing communication	D.L.Pinard, V.K.Raju & M.C. Rehder	Mitel Corporation
111	US	58937	5,454,032	09/26/95	link to one of multiple devices associated with single telephone number	D.L.Pinard, V.K.Raju & M.C. Rehder	Mitel Corporation
113	CAN	2,091,278	2,091,278	12/10/1996	Unique ringing on a prime telephone line	Pinard	Mitel Corporation
113	GER	P4407671.1			Unique ringing on a prime telephone line	Pinard	Mitel Corporation
113	UK	9404444.3	2276062	11/13/96	Unique ringing on a prime telephone line	Pinard	Mitel Corporation
113	US	207958	5,491,746	02/13/96	Unique ringing on a prime telephone line	Pinard	Mitel Corporation
114	CAN	2100699	2100699	08/07/1997	Portable telephone user profiles using central computer	D. Pinard & K. Letskeman	Mitel Corporation
114	GER	4424896.2	4424896		Portable telephone user profiles using central computer	D. Pinard & K. Letskeman	Mitel Corporation
114	UK	9413303	2280334	01/25/95	Portable telephone user profiles using central computer	D. Pinard & K. Letskeman	Mitel Corporation
114	US	636777	5,703,942	12/30/97	Portable telephone user profiles using central computer	D. Pinard & K. Letskeman	Mitel Corporation
118	CAN	2094210	2094210	08/07/1997	Multiple queue resource management	Sestak & Erb	Mitel Corporation
118	US	08/225655	5,515,428	05/07/96	Multiple queue resource management	Sestak & Erb	Mitel Corporation
119	CAN	2110643	2110643	08/07/1997	Method of telephone signaling via data link	D. Pinard & M. Price	Mitel Corporation
119	UK	9423016.6	2284518	03/18/98	Method of telephone signaling via data link	D. Pinard & M. Price	Mitel Corporation
119	US	330450	5,539,816	07/23/96	Method of telephone signaling via data link	D. Pinard & M. Price	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
122	CAN	2108224	2,108,224	09/09/97	Method and apparatus for implementing hunt groups	Pinard	Mitel Corporation
122	GER	p4430344.0			Method and apparatus for implementing hunt groups	Pinard	Mitel Corporation
122	UK	9429588.7	2282937	05/13/98	Method and apparatus for implementing hunt groups	Pinard	Mitel Corporation
123	CAN	2108223	2,108,223	12/23/97	Continuous Call Forwarding to Plural Lines	Pinard	Mitel Corporation
123	UK	9420594.5	2282938B	09/30/98	Continuous Call Forwarding to Plural Lines	Pinard	Mitel Corporation
125	CAN	2110669	2,110,669	05/23/00	Automatic telephone feature selector	Rose	Mitel Corporation
125	US	08/352747	5,541,983	07/30/96	Automatic telephone feature selector	Rose	Mitel Corporation
126	CAN	2232220	2232220	08/08/2000	Method of providing centrex type operation using a PBX and a central switching office	Pinard	Mitel Corporation
126	UK	9806192.2	2,326,793	06/09/99	Method of providing centrex type operation using a PBX and a central switching office	Pinard	Mitel Corporation
126	US	08/833426	5,949,873	09/07/99	Method of providing centrex type operation using a PBX and a central switching office	Pinard	Mitel Corporation
127	CAN	2132610	2132610	04/28/98	Delayed Seizure on Associated Devices	Pinard & Wilson	Mitel Corporation
127	UK	9518147.5	2293521	07/10/1998	Delayed Seizure on Associated Devices	Pinard & Wilson	Mitel Corporation
127	US	520590	5,586,169	12/17/96	Delayed Seizure on Associated Devices	Pinard & Wilson	Mitel Corporation
132	CAN	2123068	2120368	04/14/98	Adaptive method for allocating calls	Gray	Mitel Corporation
132	GER	P19516364.8			Adaptive method for allocating calls	Gray	Mitel Corporation
132	UK	9509193	2289599	02/24/99	Adaptive method for allocating calls	Gray	Mitel Corporation
132	US	08/426960	5,675,636	10/07/97	Adaptive method for allocating calls	Gray	Mitel Corporation
134	CAN	2148970	2,148,970	11/09/99	Local area communications server system	Pinard, Niro & Sit	Mitel Corporation
134	GER	19542122.1			Local area communications server system	Pinard, Niro & Sit	Mitel Corporation
134	UK	9523052	2295068	11/11/1998	Local area communications server system	Pinard, Niro & Sit	Mitel Corporation
134	US	08/339 463	5,657,446	08/12/97	Local area communications server system	Pinard, Niro & Sit	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
136	CAN	2164035	2,164,035	04/11/00	Active digit canceling parallel dialer	J. Zabel & J. Neil	Mitel Inc.
		P19,548,488.6					
136	GER	31			Active digit canceling parallel dialer	J. Zabel & J. Neil	Mitel Inc.
136	UK	9526587	2,206,524	04/21/00	Active digit canceling parallel dialer	J. Zabel & J. Neil	Mitel Inc.
136	US	6366508	5,706,341	01/05/98	Active digit canceling parallel dialer	J. Zabel & J. Neil	Mitel Inc.
139	CAN	2119085			Adaptive communication system	Pinard, Gray & Peres	Mitel Corporation
139	GER	P19508940.5			Adaptive communication system	Pinard, Gray & Peres	Mitel Corporation
139	UK	9505127.2	2289598	12/23/98	Adaptive communication system	Pinard, Gray & Peres	Mitel Corporation
139	US	08/367821	5,802,396	09/01/98	Adaptive communication system	Pinard, Gray & Peres	Mitel Corporation
139	US	257917	5,638,494	06/10/97	Adaptive communication system	Pinard, Gray & Peres	Mitel Corporation
143	CAN	2119086	2119086	06/16/98	Help desk improvement	Pinard & Gray	Mitel Corporation
143	UK	9501468.4	2287609	10/21/98	Help desk improvement	Pinard & Gray	Mitel Corporation
143	US	369179	5,625,682	04/29/97	Help desk improvement	Pinard & Gray	Mitel Corporation
150	Canada	2,126,170			Automatic Call Router	Deborah Pinard	Mitel Corporation
150	GER	19521853-1			Automatic Call Router	Deborah Pinard	Mitel Corporation
150	UK	9511979-8			Automatic Call Router	Deborah Pinard	Mitel Corporation
150	US	08/291684			Automatic Call Router	Deborah Pinard	Mitel Corporation
154	CAN	1998-1699	86,039	02/26/99	Modular telephone set	Forget	Mitel Corporation
154	CAN	1995-2906	86037/86038	02/26/99	Modular telephone set	Forget	Mitel Corporation
154	GER	M9605363.1	M9605363.1	11/26/96	Modular telephone set	Forget	Mitel Corporation
154	UK	2057194	2,057,194	11/11/96	Modular telephone set	Forget	Mitel Corporation
154	UK		2,057,191	11/11/96	Modular telephone set	Forget	Mitel Corporation
154	UK		2,057,193	11/11/96	Modular telephone set	Forget	Mitel Corporation
154	UK		2,057,192	11/11/96	Modular telephone set	Forget	Mitel Corporation
154	UK		2,057,190	11/11/96	Modular telephone set	Forget	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
154	US	290/55981	D401,234	11/17/98	Modular telephone set	Forget	Mitel Corporation
154	US	89715	D406,838	03/16/99	Modular telephone set	Forget	Mitel Corporation
154	US	89716	D406,839	03/16/99	Modular telephone set	Forget	Mitel Corporation
154	US		D406,837	03/16/99	Modular telephone set	Forget	Mitel Corporation
154	US	89713	D406,836	03/16/99	Modular telephone set	Forget	Mitel Corporation
160	CAN	2178153	2,178,153	11/09/99	Service context sensitive features and applications	Pinard & Gray	Mitel Corporation
160	GER	19622347.4			Service context sensitive features and applications	Pinard & Gray	Mitel Corporation
160	UK	9611596.9	2,301,983	08/25/99	Service context sensitive features and applications	Pinard & Gray	Mitel Corporation
160	US	08/461,451	5,761,288	06/02/98	Service context sensitive features and applications	Pinard & Gray	Mitel Corporation
161	CAN	2224466			Transfer of basic knowledge to agents	Pinard & Gray	Mitel Corporation
161	UK	9726965.8	2,322,719	02/17/99	Method of establishing a process agent	Pinard & Gray	Mitel Corporation
161	US	08/780,409			Method of establishing a process agent	Pinard & Gray	Mitel Corporation
162	CAN	2232331			Method of dynamic load sharing between systems with automatic telephone call distributors	McNeil & Pequegnat	Mitel Corporation
162	UK	9721574.3	2,327,174	06/23/99	Method of dynamic load sharing between systems with automatic telephone call distributors	McNeil & Pequegnat	Mitel Corporation
162	US	08/888618	5,987,117	11/16/99	Method of dynamic load sharing between systems with automatic telephone call distributors	McNeil & Pequegnat	Mitel Corporation
163	CAN	2176976	2,176,976	12/14/99	User Initiated soft call park with recorded voice comfort notification	C. Butler, M. Branchaud & D. Pinard	Mitel Corporation
163	GER	P19622969.3			Method and apparatus for managing calls using a soft call park	C. Butler, M. Branchaud & D. Pinard	Mitel Corporation
163	UK	9610790.9	2,301,981	01/26/00	Method and apparatus for managing calls using a soft call park	C. Butler, M. Branchaud & D. Pinard	Mitel Corporation
163	US	8474369	5,754,627	05/19/98	Method and apparatus for managing calls using a soft call park	C. Butler, M. Branchaud & D. Pinard	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor R A Evans, D	Applicant
164	CAN	2164550	2,164,550	07/27/99	Method and apparatus for controlling a telephone	Pinard, T. Gray, K. Henderson & W. Lim	Mitel Corporation
164	GER	P19548456.8			Method and apparatus for controlling a telephone	Pinard, T. Gray, K. Henderson & W. Kim	Mitel Corporation
164	UK	9526453.7	2296622	10/27/99	Method and apparatus for controlling a telephone	Pinard, T. Gray, K. Henderson & W. Kim	Mitel Corporation
164	US	08/364620	5,631,954	05/20/97	Method and apparatus for controlling a telephone	Pinard, T. Gray, K. Henderson & W. Kim	Mitel Corporation
165	CAN	2163948	2,163,948	09/07/99	Human machine interface for telephone feature invocation	Pinard, Peres & Evans	Mitel Corporation
165	GER	P19543870.1			Human machine interface for telephone feature invocation	Pinard, Peres & Evans	Mitel Corporation
165	UK	9524217.8	2,295,747	09/01/99	Human machine interface for telephone feature invocation	Pinard, Peres & Evans	Mitel Corporation
165	US	08/346,600	5,533,110	07/02/96	Human machine interface for telephone feature invocation	Pinard, Peres & Evans	Mitel Corporation
170	US	8367821	5,802,396	09/01/98	Adaptive communication system	Gray	Mitel Corporation
171	CAN	2208629	2,208,629	08/15/00	Silent monitoring agent Ids	Ala & Duncan	Mitel Corporation
171	GER	P19726292.9			Silent monitoring agent Ids	Ala & Duncan	Mitel Corporation
171	UK	9713756.6	2314728	05/04/2000	Monitoring Telephone Calls	Ala & Duncan	Mitel Corporation
171	US	08/671,937	5,764,728	06/09/98	Silent monitoring agent Ids	Ala & Duncan	Mitel Corporation
172	CAN	2239038			Application call routing	Sit & Niro	Mitel Corporation
172	GER	19825073.8			Application call routing	Sit & Niro	Mitel Corporation
172	UK	9811268.3	2,326,057	05/19/99	Application call routing	Sit & Niro	Mitel Corporation
172	US	09/373752			Application call routing	Sit & Niro	Mitel Corporation
180	CAN	2199573			Organization chart based call information routing	Pinard & Evans	Mitel Corporation
180	GER	19709214.4-31			Organization chart based call information routing	Pinard & Evans	Mitel Corporation
180	UK	9703556.2	2,311,188	02/16/00	Organization chart based call information routing	Pinard & Evans	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
180	US	283197	6,075,851	06/13/00	Organization chart based call information routing	Pinard & Evans	Mitel Corporation
182	CAN	2144270			common automatic route selection leading digit strings	Maclsaac & Lyon	Mitel Corporation
182	GER	19608114.9			Communication switching system method and apparatus	Maclsaac & Lyon	Mitel Corporation
182	UK	9604701.4	2,298,762	04/14/99	Communication switching system method and apparatus	Maclsaac & Lyon	Mitel Corporation
182	US	09/630,188			common automatic route selection leading digit strings	Maclsaac & Lyon	Mitel Corporation
183	CAN	1995-0526	83012	06/02/1998	Modular stacking expandible electronic enclosure system	D. Nogas, Miceal Emler and W. Lotz	Mitel Corporation
183	CAN	1996-2143	83013	06/02/1998	Modular stacking expandible electronic enclosure system	D. Nogas, Miceal Emler and W. Lotz	Mitel Corporation
183	UK	2050202		16/05/1996	Modular stacking electronic enclosure system		
183	UK	2053370		16/05/1996	Modular stacking electronic enclosure system		
183	UK	9603621.5	2298452	10/21/98	Modular stacking expandible electronic enclosure system	D. Nogas, Miceal Emler and W. Lotz	Mitel Corporation
183	US	29/43252	D381319	22/07/1997	Modular stacking electronic enclosure system	D. Nogas	Mitel Corporation
183	US	08/397354	5,677,830	10/14/97	Modular stacking expandible electronic enclosure system	D. Nogas, Miceal Emler and W. Lotz	Mitel Corporation
193	CAN	21584	2,158,408	12/08/98	Architecture for robust voice CTI	Thompson	Mitel Corporation
193	GER	P19636819			Architecture for robust voice CTI	Thompson	Mitel Corporation
193	UK	9617532.8	2,305,331	04/08/99	Architecture for robust voice CTI	Thompson	Mitel Corporation
193	US	9177972	6091803	07/18/00	Architecture for robust voice CTI	Thompson	Mitel Corporation
195	CAN	2161508	2,161,508	01/11/00	Method for invoking speed calls in a CTI system	Pinard & H. St. Amour	Mitel Corporation
195	GER	P19644211			Method for invoking speed calls in a CTI system	Pinard & H. St. Amour	Mitel Corporation
195	UK	9622280.7	2306871	03/11/1999	Method for invoking speed calls in a CTI system	Pinard & H. St. Amour	Mitel Corporation
195	US	08/731,666			Method for invoking speed calls in a CTI system	Pinard & H. St. Amour	Mitel Corporation
196	CAN	2161506	2,161,506	01/25/00	File Retrieval With Incoming Calls	Pinard & H. St. Amour	Mitel Corporation
196	GER	P19644210			File Retrieval With Incoming Calls	Pinard & H. St. Amour	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
196	UK	9622024.9	2,306,853	09/22/99	File Retrieval With Incoming Calls	Pinard & H. St. Amour	Mitel Corporation
196	US	09/190186			File Retrieval With Incoming Calls	Pinard & H. St. Amour	Mitel Corporation
200	CAN	2232221	2232221	05/09/2000	Series equipment with DC line hold transfer	Purits	Mitel Inc.
200	FR	9804470			Series equipment with DC line hold transfer	Purits	Mitel Inc.
200	UK	9806193	2324439	03/10/1999	Series equipment with DC line hold transfer	Purits	Mitel Inc.
200	US	08/843,250	5,940,500	06/17/99	Series equipment with DC line hold transfer	Purits	Mitel Inc.
210	CAN	2307683			Quotation mechanism for service environments	M. Weiss & T. Gray	
210	UK	9910210.5			Quotation mechanism for service environments	M. Weiss & T. Gray	Mitel Corporation
210	UK	10987.6			Quotation mechanism for service environments	M. Weiss & T. Gray	Mitel Corporation
210	US	09/566,049			Quotation mechanism for service environments	M. Weiss & T. Gray	Mitel Corporation
214	CAN	2182438			Circuit connector	Craig	Mitel Corporation
214	UK	9716058.4			Circuit connector	Craig	Mitel Corporation
214	US	08/902833	5,967,854	10/19/99	Circuit connector	Craig	Mitel Corporation
227	CAN	2180684			Automatic Call Forwarding	P. Erb	Mitel Corporation
227	UK	9714255.8	2,315,191	08/30/00	Automatic Call Forwarding	P. Erb	Mitel Corporation
227	US	08/886,059	6130938	10/10/2000	Automatic Call Forwarding	P. Erb	Mitel Corporation
232	GER	19644212.5			Independent application invocation	Pinard	Mitel Corporation
232	UK	9622279.9	2,306,870	04/12/00	Independent application invocation	Pinard	Mitel Corporation
232	US	09/315,020			Independent application invocation	pinard	Mitel Corporation
234	CAN	2255316			Sustained call announce	Pinard & H. St. Amour	Mitel Corporation
234	GER	19860429.7			Sustained call announce	Pinard & H. St. Amour	Mitel Corporation
234	UK	972747	2,332,810	05/24/00	Sustained call announce	Pinard & H. St. Amour	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
234	US	09/209261			Sustained call announce	Pinard & H. St. Amour	Mitel Corporation
236	CAN	2180690			Automatic speed call updating	Bijman	Mitel Corporation
236	UK	9714057.8	2315189	08/26/00	Automatic speed call updating	Bijman	Mitel Corporation
236	US	08/885033	6,047,062	04/04/00	Automatic speed call updating	Bijman	Mitel Corporation
240	CAN	2182238			Input device simulating touch screen	Orchard & G. Freedman	Mitel Corporation
240	UK	9715615.2	2,315,859	10/18/00	Input device simulating touch screen	Orchard & G. Freedman	Mitel Corporation
240	US	08/899,049			Input device simulating touch screen	Orchard & G. Freedman	Mitel Corporation
250	CAN	2217081			Animated cursor	Pinard	Mitel Corporation
250	UK	9802075.3	2323259	06/01/1999	Animated cursor	Pinard	Mitel Corporation
250	US	08/815,858	5,898,432	04/27/99	Animated cursor	Pinard	Mitel Corporation
258	CAN	2243781			Dynamic communications group	Pinard	Mitel Corporation
258	GER	19838055			Dynamic communications group	Pinard	Mitel Corporation
258	UK	9718020.2			Dynamic communications group	Pinard	Mitel Corporation
258	US	09/137,630			Dynamic communications group	Pinard	Mitel Corporation
261	CAN	2180991			Intelligent cordless telephone interface device	Couse	Mitel Corporation
261	UK	9714614.6	2,315,192	04/26/00	Intelligent cordless telephone interface device	Couse	Mitel Corporation
261	US	08/890801	6,006,088	12/21/99	Intelligent cordless telephone interface device	Couse	Mitel Corporation
270	CAN	2304900			Virtual meeting rooms with spatial audio	M. Weiss	Mitel Corporation
270	UK	9908576.3			Virtual meeting rooms with spatial audio	M. Weiss	Mitel Corporation
270	US	09/547,368			Virtual meeting rooms with spatial audio	M. Weiss	Mitel Corporation
272	CAN	2260647			Agent-based data mining and warehousing	M. Weiss & S. Mankovskii	Mitel Corporation
272	UK	9806879.4			Agent-based data mining and warehousing	M. Weiss & S. Mankovskii	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
272	US	09/241,304			Agent-based data mining and warehousing	M. Weiss & S. Mankovskii	Mitel Corporation
274	CAN	2252788			Call routing based on the caller's mood	P. Bohacek & D. Schulz	Mitel Corporation
274	GER	19852002.6			Call routing based on the caller's mood	P. Bohacek & D. Schulz	Mitel Corporation
274	UK	9824148.2			Call routing based on the caller's mood	P. Bohacek & D. Schulz	Mitel Corporation
274	UK	9723811.3			Call routing based on the caller's mood	P. Bohacek & D. Schulz	Mitel Corporation
274	US	09/188,312			Call routing based on the caller's mood	P. Bohacek & D. Schulz	Mitel Corporation
278	CAN	1996-2210	81,506	08/22/97	Telephone base	Langlois	Mitel Corporation
278	FR	783	971865	08/22/97	Telephone base	Langlois	Mitel Corporation
278	GER	9703084.4	9703084.4	07/23/97	Telephone base	Langlois	Mitel Corporation
278	UK	2064487	2064487	07/31/97	Telephone base	Langlois	Mitel Corporation
278	US	29/060315	D394,259	05/12/98	Telephone base	Langlois	Mitel Corporation
279	CAN	1996-2211	81,507	08/22/97	Telephone handset	M. Langlois & D. Nogas	Mitel Corporation
279	FR	971864	971864	08/22/97	Telephone handset	M. Langlois & D. Nogas	Mitel Corporation
279	GER	9703082.1	9703082.1	07/23/97	Telephone handset	M. Langlois & D. Nogas	Mitel Corporation
279	IRE	11670	11670	09/25/98	Telephone handset	M. Langlois & D. Nogas	Mitel Corporation
279	ISR	27738	27,738	12/17/97	Telephone handset	M. Langlois & D. Nogas	Mitel Corporation
279	UK	2064488	2064488	07/22/97	Telephone handset	M. Langlois & D. Nogas	Mitel Corporation
279	US	29060318	D393,645	04/21/98	Telephone handset	M. Langlois & D. Nogas	Mitel Corporation
281	CAN	2173027			Merged telephone and data network	McIntosh	Mitel Corporation
281	GER	19713036.4			Merged telephone and data network	McIntosh	Mitel Corporation
281	UK	9706390.3	2,311,690	06/28/00	Merged telephone and data network	McIntosh	Mitel Corporation
281	US	08/827,161	5,982,767	11/09/99	Merged telephone and data network	McIntosh	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
282	CAN	2181009	2,181,009	09/07/99	Multiple owner resource management	P. Erb & D. N. Prairie	Mitel Corporation
282	UK	9714687.2			Multiple owner resource management	P. Erb & D. N. Prairie	Mitel Corporation
282	US	08/743346	5,920,622	07/06/99	Multiple owner resource management	P. Erb & D. N. Prairie	Mitel Corporation
283	CAN	2270820			Communications system and method	D. Pinard & Peres	Mitel Corporation
283	GER	19920692.9			Communications system and method	D. Pinard & Peres	Mitel Corporation
283	UK	9809601.9			Communications system and method	D. Pinard & Peres	Mitel Corporation
283	US	09/305,873			Communications system and method	D. Pinard & Peres	Mitel Corporation
284	CAN	2182237			Interconnect arrangement for printed circuits	McLeod	Mitel Corporation
284	UK	9715616			Interconnect arrangement for printed circuits	McLeod	Mitel Corporation
284	US	08/8990047	5,980,269	11/09/99	Interconnect arrangement for printed circuits	McLeod	Mitel Corporation
290	CAN	2246130			Web based help desk	D. Pinard, R. Evans & S. Mankovskii	Mitel Corporation
290	UK	9718823.9			Web based help desk	D. Pinard, R. Evans & S. Mankovskii	Mitel Corporation
290	US	09/145,919			Web based help desk	D. Pinard, R. Evans & S. Mankovskii	Mitel Corporation
291	CAN	2230692			One-button intelligent CTI dialer	D. Smith & P. Orchard	Mitel Corporation
291	UK	9804645.1	2,323,499	04/14/99	One-button intelligent CTI dialer	D. Smith & P. Orchard	Mitel Corporation
291	US	8815564	5,903,631	05/11/99	One-button intelligent CTI dialer	D. Smith & P. Orchard	Mitel Corporation
292	CAN	2231980			Automatic web page generator	D. Pinard & R. Deadman	Mitel Corporation
292	UK	9805270.7	2,324,896	02/23/00	Automatic web page generator	D. Pinard & R. Deadman	Mitel Corporation
292	US	8816270	5,940,834	08/17/99	Automatic web page generator	D. Pinard & R. Deadman	Mitel Corporation
294	CAN	2261552			Peer to peer conferencing	Pinard & Peres	Mitel Corporation
294	GER	19906381.6			Peer to peer conferencing	Pinard & Peres	Mitel Corporation
294	UK	9803205.5			Peer to peer conferencing	Pinard & Peres	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
294	US	09/245,062			Peer to peer conferencing	Pinard & Peres	Mitel Corporation
296	CAN	2215535	2215535	06/13/00	Off-hook detector for headset	Gancarcik	Mitel Corporation
296	UK	9719901.2	2317783	08/02/2000	Off-hook detector for headset	Gancarcik	Mitel Corporation
296	US	08/839091	5,832,075	11/03/98	Off-hook detector for headset	Gancarcik	Mitel Corporation
298	CAN	2186928			System for interactive control of computer and telephone	M. Langlois, R. Loen, D. Smith, P. Chehowski, P. Couse & M. Lahrkamp	Mitel Corporation
298	UK	9720653.6	2,318,703	09/15/99	System for interactive control of computer and telephone	M. Langlois, R. Loen, D. Smith, P. Chehowski, P. Couse & M. Lahrkamp	Mitel Corporation
298	US	08/940,246	6018571	01/25/00	System for interactive control of computer and telephone	M. Langlois, R. Loen, D. Smith, P. Chehowski, P. Couse & M. Lahrkamp	Mitel Corporation
301	CAN	2268996			Item selection in a telephony interface	Fejes	Mitel Corporation
301	UK	9808178.9			Item selection in a telephony interface	Fejes	Mitel Corporation
301	US	09/294,175			Item selection in a telephony interface	Fejes	Mitel Corporation
302	CAN	2197517			Database Access Server for PBX	P. Erb & B. MacIsaac	
302	GER	19805891.8			Database Access Server for PBX	P. Erb & B. MacIsaac	
302	UK	9802888.9			Telephony switch configurator	P. Erb & B. MacIsaac	Mitel Corporation
302	US	09/023,610			Telephony switch configurator	P. Erb & B. MacIsaac	
310	CAN	2243331			Dialable screening profile	Pinard	Mitel Corporation
310	GER	19832433.2			Dialable screening profile	Pinard	Mitel Corporation
310	UK	9716393.5			Dialable screening profile	Pinard	Mitel Corporation
310	US	09/121,354			Dialable screening profile	Pinard	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
319	CAN	2262869			System for Initiating a Call Using Java-Embedded e-mail	Pinard & Jarvis	Mitel Corporation
319	UK	9806445.4	2335824		System for Initiating a Call Using Java-Embedded e-mail	Pinard & Jarvis	Mitel Corporation
319	US	09/274,120			System for Initiating a Call Using Java-Embedded e-mail	Pinard & Jarvis	Mitel Corporation
321	CAN	2264230			Call on-hold improvements	D. Pinard, E. Bijman & H. St. Amour	Mitel Corporation
321	UK	9811967			Call on-hold improvements	D. Pinard, E. Bijman & H. St. Amour	Mitel Corporation
321	US	09/311,779			Call on-hold improvements	D. Pinard, E. Bijman & H. St. Amour	Mitel Corporation
322	CAN	2217923			Integrated directory services	M Cloutier & T. Peters	Mitel Corporation
322	UK	9722325.9			Integrated directory services	M Cloutier & T. Peters	Mitel Corporation
322	US	09/169,644			Integrated directory services	M Cloutier & T. Peters	Mitel Corporation
323	CAN	2247680			Bi-directional conversion library	Simser	Mitel Corporation
323	UK	9721353.2			Bi-directional conversion library	Simser	Mitel Corporation
323	US	09/159,161			Bi-directional conversion library	Simser	Mitel Corporation
325	CAN	2272738			Smart transfer for answer positions	St. Jean	Mitel Corporation
325	UK	9811293.1			Smart transfer for answer positions	St. Jean	Mitel Corporation
325	US	09/320,108			Smart transfer for answer positions	St. Jean	Mitel Corporation
330	CAN	2271460			3D view of incoming communications	Pinard	Mitel Corporation
330	UK	9810422.7			3D view of incoming communications	Pinard	Mitel Corporation
330	US	09/311,188			3D view of incoming communications	Pinard	Mitel Corporation
331	CAN	2253105			PC Server telecommunications power system	Zorzella	Mitel Corporation
331	UK	9723909.9			PC Server telecommunications power system	Zorzella	Mitel Corporation
331	US	09/189,694			PC Server telecommunications power system	Zorzella	Mitel Corporation
333	CAN	2220829			Method of operating a modem in the presence of interrupted dial tone	Tran	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
333	US	08/970152	5,974,084	10/26/99	Method of operating a modem in the presence of interrupted dial tone	Tran	Mitel Corporation
336	CAN	2291534			Distributed technique for allocating calls	Tom Gray & Sonya Fullerton	Mitel Corporation
336	UK	9827158.8			Distributed technique for allocating calls	Tom Gray & Sonya Fullerton	Mitel Corporation
336	US	09/455,658			Distributed technique for allocating calls	Tom Gray & Sonya Fullerton	Mitel Corporation
341	CAN	2289156			Remote peripheral switch backup call service mechanism	Erb	Mitel Corporation
341	UK	9825286.9			Remote peripheral switch backup call service mechanism	Erb	Mitel Corporation
341	US	09/435,581			Remote peripheral switch backup call service mechanism	Erb	Mitel Corporation
343	CAN				Computer telephony applications	Janulewicz	Mitel Corporation
343	UK	9926182.8			Computer telephony applications	Janulewicz	Mitel Corporation
343	US				Computer telephony applications	Janulewicz	Mitel Corporation
345	CAN	2299639			method for feature interaction resolution	M. Weiss & T. Ware	Mitel Corporation
345	GER	100110870.9			method for feature interaction resolution	M. Weiss & T. Ware	Mitel Corporation
345	UK	9905156.7			method for feature interaction resolution	M. Weiss & T. Ware	Mitel Corporation
345	US	09/518,555			method for feature interaction resolution	M. Weiss & T. Ware D. Nogas, M.	Mitel Corporation
346	CAN	2260573			Variable angle mechanism	Langlois, C. Gorman & H. Beisner D. Nogas, M.	Mitel Corporation
346	UK	9801599.3	2,330,477	09/01/99	Variable angle mechanism	Langlois, C. Gorman & H. Beisner D. Nogas, M.	Mitel Corporation
346	US	09/237,338			Variable angle mechanism	Langlois, C. Gorman & H. Beisner	Mitel Corporation
347	CAN	1998-2908	86,862	05/28/99	Telephone	Nogas	Mitel Corporation
347	CAN	1998-2909	86,863	05/28/99	Telephone	Nogas	Mitel Corporation
347	CAN	1998-0143	86,864	05/28/99	Telephone	Nogas	Mitel Corporation
347	GER	49806617.7	49,806,617.7	12/08/98	Telephone	Nogas	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
347	UK		2,075,757	04/06/99	Telephone	Nogas	Mitel Corporation
347	UK	9803352.5	2,322,257	04/06/99	Telephone	Nogas	Mitel Corporation
347	UK		2,080,319	04/06/99	Telephone	Nogas	Mitel Corporation
347	UK		2,080,318	04/06/99	Telephone	Nogas	Mitel Corporation
347	UK		2080317	06/04/1999	Telephone	Nogas	Mitel Corporation
347	UK		2,080,316	06/04/1999	Telephone	Nogas	Mitel Corporation
347	US	29/090,649	423497	04/25/00	Telephone	Nogas	Mitel Corporation
347	US	29/104,935	421264	02/29/00	Telephone	Nogas	Mitel Corporation
349	CAN	2298145			Palm dockable phone	D. Pinard, D. Oddy & E. Bijman	Mitel Corporation
349	UK	9903042.1			Palm dockable phone	D. Pinard, D. Oddy & E. Bijman	Mitel Corporation
349	US	09/502,085			Palm dockable phone	D. Pinard, D. Oddy & E. Bijman	Mitel Corporation
353	CAN	2270039			Low power dialer	P. Casselman, M. Pharoah, V. Purits, N. Rudolph & J. Zabel	Mitel Inc.
353	UK	9924907	2,340,342	04/12/00	Low power dialer	P. Casselman, M. Pharoah, V. Purits, N. Rudolph & J. Zabel	Mitel Inc.
353	UK	9910200.9	2,337,400	04/12/00	Low power dialer	P. Casselman, M. Pharoah, V. Purits, N. Rudolph & J. Zabel	Mitel Inc.
353	US	09/079,200			Low power dialer	P. Casselman, M. Pharoah, V. Purits, N. Rudolph & J. Zabel	Mitel Inc.
355	CAN	2306638			Multi-line telephone system emergency call processing	Needham & Moody	Mitel Corporation
355	UK	9917644			Multi-line telephone system emergency call processing	Needham & Moody	Mitel Corporation
355	US	09/304,544			Multi-line telephone system emergency call processing	Needham & Moody	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
356	CAN	2316128			Call Control System and Method	Pinard	Mitel Corporation
356	UK	20702.7			Call Control System and Method	Pinard	Mitel Corporation
356	US	09/642,560			Call Control System and Method	Pinard	Mitel Corporation
357	CAN	2236525			PC based PBX	G. Lee & D. Canton	Mitel Corporation
357	GER	19919976			PC based PBX	G. Lee & D. Canton	Mitel Corporation
357	UK	9826478.1			PC based PBX	G. Lee & D. Canton	Mitel Corporation
357	US	09/302,881			PC based PBX	G. Lee & D. Canton	Mitel Corporation
359	CAN				Tabular range editing mechanism	Abdalla	
359	UK	207.1			Tabular range editing mechanism	Abdalla	
359	US				Tabular range editing mechanism	Abdalla	
360	CAN	2246266			ISDN camera and surveillance system incorporating same	D. Thompson, J. Stewart & I. Cowar	Mitel Telecom
360	US	09/144,653			ISDN camera and surveillance system incorporating same	D. Thompson, J. Stewart & I. Cowar	Mitel Telecom
361	CAN	2293937			Combination connector and microphone	Gancarcik	Mitel Corporation
361	UK	9900633			Combination connector and microphone	Gancarcik	Mitel Corporation
361	US	09/478,646			Combination connector and microphone	Gancarcik	Mitel Corporation
367	CAN				Caching mechanism to optimize a bidding process used to select resources and services	Esfandiar, Weiss	Mitel Corporation
367	UK	1695.6			Caching mechanism to optimize a bidding process used to select resources and services	Esfandiar, Weiss	Mitel Corporation
367	US				Caching mechanism to optimize a bidding process used to select resources and services	Esfandiar, Weiss	Mitel Corporation
372	CAN	2306160			Adaptive feature behavior	G. Moss & D. Pinard	Mitel Corporation
372	UK	9908523.5			Adaptive feature behavior	G. Moss & D. Pinard	Mitel Corporation
372	US	09/549,013			Adaptive feature behavior	G. Moss & D. Pinard	Mitel Corporation
373	CAN	2307476			Private branch exchange implemented using H.323 Gatekeeper	D. Pinard, H. Sit, S. Fullerton & E. Peres	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
373	UK	9910654.4			Private branch exchange implemented using H.323 Gatekeeper	D. Pinard, H. Sit, S. Fullerton & E. Peres	Mitel Corporation
373	US	09/564,287			Private branch exchange implemented using H.323 Gatekeeper	D. Pinard, H. Sit, S. Fullerton & E. Peres	
376	CAN	2281374			Line information security interface for TAPI service provider	S. Szeto, S.A. Gores & S. Douglas	Mitel Corporation
376	UK	9819142.4	2,341,291	08/03/00	Line information security interface for TAPI service provider	S. Szeto, S.A. Gores & S. Douglas	Mitel Corporation
376	US	09/388,712			Line information security interface for TAPI service provider	S. Szeto, S.A. Gores & S. Douglas	Mitel Corporation
382	CAN	2317146			management control system and method	Peres	Mitel Corporation
382	UK	9920464.6			management control system and method	Peres	Mitel Corporation
382	US	09/651,842			management control system and method	Peres	
383	UK	3724.2			Distributed automatic route selection using RIP caching	T. Gray & B. Esfandiari	Mitel Corporation
384	CAN	2297622			Semantic errors diagnostic operation for multi-agent system	T. Gray, D. Choi, S. Mankovskii & B. Pagurek	Mitel Corporation
384	UK	9902540.5	2,346,461		Semantic errors diagnostic operation for multi-agent system	T. Gray, D. Choi, S. Mankovskii & B. Pagurek	Mitel Corporation
384	US	09/497,305			Semantic errors diagnostic operation for multi-agent system	T. Gray, D. Choi, S. Mankovskii & B. Pagurek	Mitel Corporation
386	UK	2743.3			Feature implementation and provisioning by injection	Erb	Mitel Corporation
391	CAN				Telephone for a plurality of simultaneous conversations	Pinard, Oddy	
391	UK	1957			Telephone for a plurality of simultaneous conversations	Pinard, Oddy	
391	US				Telephone for a plurality of simultaneous conversations	Pinard, Oddy	
394	CAN	+1998-2976	87696	09/30/99	Plastic Door	Gorman	Mitel Corporation
394	UK	2084151	2,084,151	11/04/1999	Plastic Door		
394	US	29/106,430			Plastic Door	Gorman	Mitel Corporation
399	CAN	2297373			Graphical user interface and method for displaying messages	M. Tel, B. Tang, T. Hill & A. Saltanov	Mitel Inc.
399	UK	9919245.2			Graphical user interface and method for displaying messages	M. Tel, B. Tang, T. Hill & A. Saltanov	Mitel Inc.

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
399	US	09/259,985			Graphical user interface and method for displaying messages	M. Tel, B. Tang, T. Hill & A. Soltanov	Mitel Inc.
400	CAN	2295273			Dynamic Rules Based Resource Allocation	D.R. Ronca	Mitel Inc.
400	UK	9919242.9			Dynamic Rules Based Resource Allocation	D.R. Ronca	Mitel Inc.
400	US	09/259,986			Dynamic Rules Based Resource Allocation	D.R. Ronca	Mitel Inc.
401	CAN	2299162			Text-to-speech converter	D.R. Ronca and S. F. Ruhl	Mitel Inc.
401	UK	9919241.1			Text-to-speech converter	D.R. Ronca and S. F. Ruhl	Mitel Inc.
401	US	09/258,507			Text-to-speech converter	D.R. Ronca and S. F. Ruhl	Mitel Inc.
402	CAN	2299387			Automatic synchronization of address directories for unified messaging	Ciccolella & D. Ronca	Mitel Inc.
402	UK	9919248.0			Automatic synchronization of address directories for unified messaging	Ciccolella & D. Ronca	Mitel Inc.
402	US	09/259,811			Automatic synchronization of address directories for unified messaging	Ciccolella & D. Ronca	Mitel Inc.
403	CAN	2295267			Automatic user preference selection for message playback based on caller line identification data	Ronca	Mitel Inc.
403	UK	9919244.5			Automatic user preference selection for message playback based on caller line identification data	Ronca	Mitel Inc.
403	US	09/258,717			Automatic user preference selection for message playback based on caller line identification data	Ronca	Mitel Inc.
404	CAN	2299161			Dial by name feature for messaging system	Ciccolella	Mitel Inc.
404	UK	9919246			Dial by name feature for messaging system	Ciccolella	Mitel Inc.
404	US	09/259,463			Dial by name feature for messaging system	Ciccolella	Mitel Inc.
409	CAN				Route optimization over diverse media	Erb, Duncan	Mitel Corporation
409	UK	2500.7			Route optimization over diverse media	Erb, Duncan	Mitel Corporation
409	US				Route optimization over diverse media	Erb, Duncan	Mitel Corporation
410	CAN	2279072			Onhook telecom power supply regulator mode	Rudolph	Mitel Inc.
410	UK	9918384			Onhook telecom power supply regulator mode	Rudolph	Mitel Inc.

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
410	US	09/255,461	6137276	10/24/00	Onhook telecom power supply regulator mode	Rudolph	Mitel Inc.
411	UK	9930496.6			Communication system architecture for voice first collaboration	G. H. Thompson & A. Ganesan Carpenter	Mitel Corporation
413	CAN	2279067			Virtual phone line access device	Casselman, Frauser, Kittle, Laciak, Zabel Carpenter	Mitel Inc.
413	UK	9918383.2			Virtual phone line access device	Casselman, Frauser, Kittle, Laciak, Zabel Carpenter	Mitel Inc.
413	US	09/273,178			Virtual phone line access device	Casselman, Frauser, Kittle, Laciak, Zabel	Mitel Inc.
414	UK	9501.8			Automatic speech recognition feature in private telecommunication system	Gancarcik	Mitel Corporation
415	CAN				recognition	Pinard & Oddy	
415	UK	7580.4			recognition	Pinard & Oddy	
415	US				recognition	Pinard & Oddy	
417	CAN	2307742			Communication system using line appearances on a single line for connecting multiple devices	S. Griffin & S. Fullerton	Mitel Corporation
417	UK	9910957.1			Communication system using line appearances on a single line for connecting multiple devices	S. Griffin & S. Fullerton	Mitel Corporation
417	US	09/563,879			Communication system using line appearances on a single line for connecting multiple devices	S. Griffin & S. Fullerton	Mitel Corporation
418	CAN				Method for optimizing billing for private communications system to private communications system on the public switched network	J. Needham & T. Quan	Mitel Corporation
418	UK	9930615.1			Method for optimizing billing for private communications system to private communications system on the public switched network	J. Needham & T. Quan	Mitel Corporation
418	US	09/714983			Method for optimizing billing for private communications system to private communications system on the public switched network	J. Needham & T. Quan	Mitel Corporation
419	CAN				Voice invoked call blocking	McMahon	
419	UK	5285.2			Voice invoked call blocking	McMahon	
419	US				Voice invoked call blocking	McMahon	
421	UK	10267.3			Telephone system with programmable line appearances	S. Fullerton & D. Pinard	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
423	CAN	2320554			A method for line circuits to provide constant current and voltage feed capabilities	Sipkes	Mitel Corporation
423	UK	9922987.4			A method for the synchronization of analog call display data in distributed systems	Sipkes	Mitel Corporation
423	US	09/671,395			Method and Apparatus for Synchronising Analog Call Display Data in a Distributed System	Sipkes	
425	CAN	2313497			Feature interaction resolution using fuzzy rules	Grey, Karmouch; Amer, Mankovskii	Mitel Corp & University of Ottawa
425	GER				Feature interaction resolution using fuzzy rules	Grey, Karmouch; Amer, Mankovskii	Mitel Corp & University of Ottawa
425	UK	9916234.9			Feature interaction resolution using fuzzy rules	Grey, Karmouch; Amer, Mankovskii	Mitel Corp & University of Ottawa
425	US	09/613,537			Feature interaction resolution using fuzzy rules	Grey, Karmouch; Amer, Mankovskii	Mitel Corp & University of Ottawa
426	UK	4200.2			Method and apparatus for appending to voice mail greeting based on user schedule	T. Ware & B. Esfandiani	Mitel Corporation
428	CAN	2308066			Digital private signaling system over internet protocol	G. Lee & S. Szeto	Mitel Corporation
428	UK	11237.5			Digital private signaling system over internet protocol	G. Lee & S. Szeto	Mitel Corporation
428	UK	9910931.6			Digital private signaling system over internet protocol	G. Lee & S. Szeto	Mitel Corporation
428	US	09/568,703			Digital private signaling system over internet protocol	G. Lee & S. Szeto	Mitel Corporation
429	CAN	2297972			Branding dynamic link libraries	J. Ortiz, S.G. Marth & D. Renee	Mitel Inc.
429	UK	9919243.7			Branding dynamic link libraries	J. Ortiz, S.G. Marth & D. Renee	Mitel Inc.
429	US	09/260,391			Branding dynamic link libraries	J. Ortiz, S.G. Marth & D. Renee	Mitel Inc.
430	CAN	2307749			broadcasting audio in a communication system	Hamzeh & Smith	Mitel Corporation
430	UK	9910495.2			broadcasting audio in a communication system	Hamzeh & Smith	Mitel Corporation
430	US	9563552			broadcasting audio in a communication system	Hamzeh & Smith	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
433	CAN	2317507			Complex acoustic path and gasket for use with microphone	J. Tumer, P. Craig & P. Moquin	Mitel Corporation
433	UK	9921556.8			Complex acoustic path and gasket for use with microphone	J. Tumer, P. Craig & P. Moquin	Mitel Corporation
433	US	09/660,947			Complex acoustic path and gasket for use with microphone	J. Tumer, P. Craig & P. Moquin	Mitel Corporation
436	CAN	2321407			Security Mechanism and Architecture for Collaborative Software Systems Using Tuple Space	Zheng, Karmouch, Gray & Manlovskii	Mitel Corporation & University of Ottawa
436	UK	9923544.2			Security mechanisms and architecture for collaborative systems using tuple spaces	T. Gray, S. Mankovskii, A. Karmouch & C. Zheng	Mitel Corporation & University of Ottawa
436	US	09/676838			Security mechanisms and architecture for collaborative systems using tuple spaces	T. Gray, S. Mankovskii, A. Karmouch & C. Zheng	Mitel Corporation & University of Ottawa
437	CAN	2,319,863			Policy representations and mechanisms for the control of software	M. Guenon, A. Karmouch, T. Gray & S. Mankovskii	Mitel Corporation & University of Ottawa
437	GER				Policy representations and mechanisms for the control of software	T. Gray, S. Mankovskii, A. Karmouch & M. Guenon	
437	UK	9922096.4			Policy representations and mechanisms for the control of software	T. Gray, S. Mankovskii, A. Karmouch & M. Guenon	Mitel Corporation & University of Ottawa
437	US	09/663,026			Policy representations and mechanisms for the control of software	T. Gray, S. Mankovskii, A. Karmouch & M. Guenon	
439	CAN				cables from deeply recessed RJ connectors	Craig	Mitel Corporation
439	UK	9926945.8			cables from deeply recessed RJ connectors	Craig	Mitel Corporation
439	US				cables from deeply recessed RJ connectors	Craig	Mitel Corporation
440	CAN	2325767			Power supply for ethernet lan connected telephone	D. Oddy, G. Moss & A. Hatchel	
440	UK	9926913.6			Power supply for ethernet lan connected telephone	D. Oddy, G. Moss & A. Hatchel	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
440	US				Power supply for ethernet lan connected telephone	D. Oddy, G. Moss & A. Hatchel	
441	CAN	2324543			Common data model including field interdependencies	B. MacIsaac & D. Simser	Mitel Corporation
441	EU	33790.3			Common data model including field interdependencies	B. MacIsaac & D. Simser	Mitel Corporation
441	GER	10053028.1			Common data model including field interdependencies	B. MacIsaac & D. Simser	Mitel Corporation
441	UK	9925175.3			Common data model including field interdependencies	B. MacIsaac & D. Simser	Mitel Corporation
441	US				Common data model including field interdependencies	B. MacIsaac & D. Simser	Mitel Corporation
442	UK	5365.2			Timed schedule reminder via telephone	McMahon	Mitel Corporation
443	UK				Automated phone book search	McMahon	
444	CAN				Efficient controlled current sink for led backlight panel	S. Richard Burton	
444	UK	9925263.7			Efficient controlled current sink for led backlight panel	S. Richard Burton	Mitel Corporation
444	US				Efficient controlled current sink for led backlight panel	S. Richard Burton	
446	UK				Best effort search email gateway	Taylor	Mitel Corporation
448	UK	21999.8			Ultra-sonic proximity sensor	P. Moquin, S. Dedieu	Mitel Corporation
449	UK	24350.1			speakerphone loudspeaker performance	E. Gancarcik & P. Moquin	Mitel Corporation
450	UK				Voice activated scheduling	Lord	Mitel Corporation
458	UK	21089.8			Resource sharing using sliding constraints	T. Gray & M. Weiss	Mitel Corporation
460	CAN				Simple supplementary service protocol	Tam	Mitel Corporation
460	UK	1035.5			Simple supplementary service protocol	Tam	Mitel Corporation
461	UK				PDA enabled set	Gancarcik, Ross, Seguin, Chamsi	Mitel Corporation
462	UK	11877.8			Combination visible and infrared light pipe	E. Gancarcik & P. Craig	Mitel Corporation
463	UK	15152.2			Efficient battery transfer circuit	S. Burton & C. Lucas	Mitel Corporation
464	UK	5375.1			Efficient dual-source wide-input range isolated DC-DC converter with effective current limit	Burton	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
466	UK				Voice activated language translation	Lord	Mitel Corporation
467	UK	9618			Hardware authentication method	Roberts	Mitel Corporation
469	UK				Mouse enabled phone	P. Lennon & J. Cheng	Mitel Corporation
472	UK				Intermediate voice and DTMF detector device for improved speech recognition utilization and penetration	P. Erb & D. Schulz	Mitel Corporation
473	UK	22410.5			Telephone independent provision of speech recognition during dial tone and subsequent call progress states	Erb	Mitel Corporation
474	UK	6554			Support Unit for Stacked Items	P. Craig & C. Gorman	Mitel Corporation
476	UK				Bluetooth Light/Power Socket Adapters	Edwards, Bernie, Gwatkin	Mitel Telecom
477	UK	8734.6			Execution Sets for Generated Logs	T. Gray & T. Kasvand	Mitel Corporation
478	UK	9067			Tree Hierarchy and Description for Generated Logs	T. Kasvand, T. Gray, B. Mooy, D. Fortin, A. Virk, T. Elliot & R. Jones	Mitel Corporation
479	UK	8952.4			Dynamic Rule Sets for Generated Logs	T. Gray & T. Kasvand	Mitel Corporation
481	CAN				Telephone line powered CO Drop Reconnect	N. Rudolph & F. Fleury	Mitel Inc.
481	UK				Telephone Line Powered CO Drop Reconnect	N. Rudolph & F. Fleury	Mitel Inc.
481	US	09/577,763			Telephone Line Powered CO Drop Reconnect	N. Rudolph & F. Fleury	Mitel Inc.
484	US	09/571,534			System for Masking Microphonic Voice Signals in Wired Telecommunications Equipment	P. Moquin & B. Pillay	Mitel Corporation
485	UK	17730.3			Method and Apparatus for Attaching Moulded Enclosures	P. Craig & J. Turner	Mitel Corporation
486					Voice Number Extraction	S. Horvath & T. Kasvand	Mitel Corporation
487	CAN	2299850			System and Method for the Management of Computer Software maintenance	Cava	Mitel Inc.
487	US	09/516,338			System and Method for the Management of Computer Software maintenance	Cava	Mitel Inc.
488					Technician Manpower Planning Tool	J. Grolley, W. Grassie & M. Drake	

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
489					Method of Controlling Telephone Connections for Internet Protocol Communications	C. Nason, C. Frisch & A. Moskal	Mitel Corporation
490					Subscriber Based Calling Name Database	S. Haygard & C. Quirk	Mitel Corporation
491					A Better presentation of a Menu for an Interactive Voice Response System	Vu	Mitel Corporation
492	UK	16144.8			Method of Using Speech Recognition to Initiate a WAP Session	W. Gallagher, L. Fast & S. Griffin	Mitel Corporation
493	UK	18475.4			Formed Lens Tab for Designation Card Insert	J. Turner, M. McGuire & H. Beisner	Mitel Corporation
494	CAN	+2000-1675			Telephone Attendant Console	McGuire & D. Nogas	Mitel Corporation
494	UK	2094102			Telephone Attendant Console	McGuire & D. Nogas	Mitel Corporation
494	US	29/125,848			Telephone Attendant Console	McGuire & D. Nogas	Mitel Corporation
495	UK	16142.2			Method and System for Locating a Talker	M. Amiri, M. Tetelbaum & D. Schulz	Mitel Corporation
496					Compensation of Beamformer Steering Delay for improvement of handsfree speech recognition	G. Thompson & M. Amiri	Mitel Corporation
498					Handling of Calling Party Preferences for Call Processing	Gray	Mitel Corporation
499	UK	24582.9			Method and Apparatus for minimizing far-end speech effects in hands-free telephony systems using acoustic transforming.	Beaucoup	Mitel Corporation
502	US	09/643,150			Methods and Apparatus for Previewing Multimedia Attachments of Electronic Messages	Saitanov	Mitel Inc.
503	UK				Microphone Gasket with Integrated Acoustic Resistance	Moquin	Mitel Corporation
505	UK				Wakeup to Music (Selectable Music)	P. Lavallee & M. Grumpert	Mitel Corporation
506	UK				User Selectable Background Music Source	P. Lavallee & M. Grumpert	Mitel Corporation
507	UK				Automatic Location-Aware Feature Selection	T. Gray & C. Szilfogi	Mitel Corporation
508	UK				Pro-Active Features for Telephony	Gray	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
509	UK				A Split Browser for Stimulus Phones	P. Erb, S. Mankovskii, T. Ware & K. Baker	Mitel Corporation
510	CAN				Method of Enabling a CPE to Test a Telephone Line and Report the Results of the Test	Pharoah, Carpenter	Mitel Inc.
510	UK				Method of Enabling a CPE to Test a Telephone Line and Report the Results of the Test	Pharoah, Carpenter	Mitel Inc.
510	US				Method of Enabling a CPE to Test a Telephone Line and Report the Results of the Test	Pharoah, Carpenter	Mitel Inc.
511	UK				call by words Method and Apparatus for establishing	E. Bijman	Mitel Corporation
513					and maintaining voice communications among a community of interest	H. Wasmeir	Mitel Corporation
515					numbered voice browsing	B. Clark	Mitel Corporation
11118	CAN	303989	1,088,686	10/28/80	Tone Applying Line Circuit	Cepelinski	Mitel Corporation
11118	US	933538	4,204,094	05/20/80	Tone Applying Line Circuit	Cepelinski	Mitel Corporation
11120	CAN	317680	1,114,536	12/13/81	Ringng Generator	Kiss	Mitel Corporation
11120	US	30196	4,220,826	09/02/90	Ringng Generator	Kiss	Mitel Corporation
11126	CAN	337959	1,142,279	03/01/86	Ringng Decoder Circuit	Cepelinski	
11126	US	100949	4,293,737	10/06/81	Ringng Decoder Circuit	Cepelinski	
11141	CAN	352147	1,146,245	05/10/83	Keyless & Indicatorless Local Telephone Switching System		
11141	US	205255	4,376,875	03/15/83	Keyless & Indicatorless Local Telephone Switching System	Beirne	
11152	CAN	375725	1,171,945	07/31/84	Voice recognizing telephone call denial system	Matthews	
11152	GER	3149292.4	3149292	12/12/81	Voice recognizing telephone call denial system	Matthews	
11152	UK	8130679	2,098,830	10/12/81	Voice recognizing telephone call denial system	Matthews	
11152	UK	8419191	2,144,944	10/12/81	Voice recognizing telephone call denial system	Matthews	
11152	US	285654	4,481,384	11/06/84	Voice recognizing telephone call denial system	Matthews	
11154	CAN	396666	1,169,164	06/12/84	Printed circuit board lock	Milic	
11154	US	394424	4,521,063	06/04/85	Printed circuit board lock	Milic	

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
11166	Canada	396714	1,166,327	04/24/84	Hybrid circuit connector	MacDonell	Mitel Corporation
11168	CAN	417653	1,188,831	06/11/85	Telephone indicator	R. Milne & L. Kirkland	Mitel Corporation
11168	US	542038	4,544,808	10/01/85	Telephone indicator	R. Milne & L. Kirkland	
11169	CAN	429935	1,199,061	01/07/86	Battery Charging Circuit	Kotlarewsky	Mitel Corporation
11177	CAN	430531	1,203,875	04/29/86	Switching system loopback test circuit	Lewis	Mitel Corporation
11177	US	609443	4,685,102	08/04/87	Switching system loopback test circuit	Lewis	Mitel Corporation
11178	CAN	495810	1,240,088	08/02/88	Switching system loopback test circuit	Lewis	Mitel Corporation
11178	Japan	278524/1986			Switching system loopback test circuit	Lewis	Mitel Corporation
11178	UK	8612353	2,183,426	10/11/89	Switching system loopback test circuit	Lewis	Mitel Corporation
11178	US	865961	4,776,007	10/04/88	Switching system loopback test circuit	Z. Styma & D. Oddy	Mitel Corporation
11181	CAN	453611	1,205,933	06/10/86	Interface circuit for remote control of a PABX	Deveson & Bawcutt	Mitel Corporation
11181	US		4,685,122	08/04/87	Interface circuit for remote control of a PABX	Deveson & Bawcutt	Mitel Corporation
11192	CAN	483829	1,233,924	03/08/88	Telephone line status circuit	Barsellotti & Oddy	Mitel Corporation
11192	GER	3618896.4	3,618,896	06/05/86	Telephone line status circuit	Barsellotti & Oddy	Mitel Corporation
11192	UK	8526598	2,176,372	10/29/85	Telephone line status circuit	Barsellotti & Oddy	Mitel Corporation
11192	US	794696	4,734,933	03/29/88	Telephone line status circuit	Barsellotti & Oddy	Mitel Corporation
11197	CAN	498398	1,242,809	10/04/88	Data storage system for transferring last entered information from static memory to magnetic disk upon recovering from data storage interruption	M. Styma & M. Afheldt	
11197	UK	8614922	2,184,577	06/19/86	Data storage system for transferring last entered information from static memory to magnetic disk upon recovering from data storage interruption	M. Styma & M. Afheldt	
11197	US	409966	5,034,915	07/23/91	Data storage system for transferring last entered information from static memory to magnetic disk upon recovering from data storage interruption	M. Styma & M. Afheldt	

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
111101	CAN	485827	1,236,231	05/03/88	Telephone Handset Detector	Tomasi	Mitel Corporation
111101	US	799850	4,672,663	06/09/87	Telephone Handset Detector	Tomasi	Mitel Corporation
111108	CAN	496769	1,244,871	11/15/88	LED driver circuit	Perez	Mitel Corporation
111108	UK	8621650	2,182,189	10/05/88	LED driver circuit	Perez	Mitel Corporation
111108	US	785653	4,743,897	05/10/88	LED driver circuit	Perez	Mitel Corporation
111119	CAN		1,287,103	07/30/91	CMOS latch-uprecovery circuit	Jim Pinard	Mitel Corporation
111119	US	932405	4,761,702	08/02/88	CMOS latch-uprecovery circuit	Jim Pinard	Mitel Corporation
111132	CAN	561623	1,336,449	07/25/95	Telephone Call Answering System	Meier	
111144	CAN	558123	1,293,042	12/10/91	Communication system supporting remote operations	MacMillan & Ravj	Mitel Corporation
111144	UK	8901981.4	2,215,561	01/30/89	Communication system supporting remote operations	MacMillan & Ravj	Mitel Corporation
111144	US	304472	5,007,080	04/09/91	Communication system supporting remote operations	MacMillan & Ravj	Mitel Corporation
111146	CAN	604279	1,311,570	12/15/92	Apparatus for Testing Spare line circuits in a communication system	Gray	Mitel Corporation
111146	US	498102	4,996,702	02/26/91	Apparatus for Testing Spare line circuits in a communication system	Gray	Mitel Corporation
111152	CAN	608745	1,326,530	01/25/94			
111152	US	323374	4,964,155	10/16/90	Programmable threshold alert	Pinard	Mitel Corporation
111153	CAN	583164	1,333,296	11/29/94	Group emergency call system	Smith	Mitel Corporation
111153	UK	8925199.5	2225194	11/08/1989	Group emergency call system	Smith	Mitel Corporation
111153	US	426418	5,166,972	11/24/92	Group emergency call system	Smith	Mitel Corporation
111159	CAN	571908	1,302,594	06/02/92	Redundant Clock & Frame Pulse Synchronization	Gray	Mitel Corporation
111162	CAN		2,009,034	04/04/95	Telephone or data switching system	Gertsman & MacGillivray	Mitel Corporation
111162	GER	P4102751.5			Telephone or data switching system	Gertsman & MacGillivray	Mitel Corporation
111162	UK	9102098.2	2,240,905	12/22/93	Telephone or data switching system	Gertsman & MacGillivray	Mitel Corporation
111162	US		5,140,590	08/18/92	Telephone or data switching system	Gertsman & MacGillivray	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
111170	CAN	2149012	2149012	09/02/1997	Voice Activated System and Method	Tinsley	Mitel Corporation
111170	CAN	2058644	2,058,644	06/18/96	Voice Activated System and Method	Tinsley	Mitel Corporation
111170	UK	9227115.4	2,263,042	12/30/92	Voice Activated System and Method	Tinsley	Mitel Corporation
111172	CAN	2141772	2141772	04/21/98	PABX common channel relay system	Babiarz	Mitel Corporation
111172	CAN	2052500	2052500	09/19/95	PABX common channel relay system	Babiarz	Mitel Corporation
111172	GER	P4232667.2	4232667	09/29/92	PABX common channel relay system	Babiarz	Mitel Corporation
111172	UK	9514140.4	2289391	01/17/96	PABX common channel relay system	Babiarz	Mitel Corporation
111172	UK	9514139.6	2289601	01/17/96	PABX common channel relay system	Babiarz	Mitel Corporation
111172	UK	9220539.2	2260064	01/17/96	PABX common channel relay system	Babiarz	Mitel Corporation
111172	US	950231	5,274,634	12/28/93	PABX common channel relay system	Babiarz	Mitel Corporation
111176	CAN		2,051,135	05/07/96	Compressed Language Dictionary	Kim D Letkeman	Mitel Corporation
111176	UK	9207399.8	2259596	05/02/92	Compressed Language Dictionary	Kim D Letkeman	Mitel Corporation
111176	US	878854	5,383,121	01/17/95	Compressed Language Dictionary	Kim D Letkeman	Mitel Corporation
111177	CAN	2032499	2052499	11/29/94	Host remote signaling in telephone systems	Pinard	Mitel Corporation
111177	US	878526	5,249,222	09/28/93	Host remote signaling in telephone systems	Pinard	Mitel Corporation
111179	CAN	2068154	2068154	01/14/97	Programmable call progress tones for a switching system	Halligan	
111179	UK	9308617.1	2,266,820	01/03/96	Programmable call progress tones for a switching system	Halligan	
111179	US	50900	5,436,964	07/25/95	Programmable call progress tones for a switching system	Halligan	
111183	CAN	2064541	2,064,541	09/15/98	Cycling error count for link maintenance	Gray	Mitel Corporation
111183	GER	P4309000.1	4,309,000	03/20/93	Cycling error count for link maintenance	Gray	Mitel Corporation
111183	UK	9305570.5	2,265,796	06/21/95	Cycling error count for link maintenance	Gray	Mitel Corporation
111183	US	460733	5,680,404	10/21/97	Cycling error count for link maintenance	Gray	Mitel Corporation

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
190101	CAN	373591	1,166,777		Home Telephone Exchange	G. Benning, B. Pascas, R. Blackhall, P. Wilker & G. Neathway	Trillium Telephone Systems
190101	US	286871	4,459,434	07/10/84	Home Telephone Exchange	G. Benning, B. Pascas, R. Blackhall, P. Wilker & G. Neathway	Trillium Telephone Systems
190102	CAN	385716	1,169,597	06/19/84	Home communications and control system	G. Benning, B. Pascas, R. Blackhall, P. Wilker & G. Neathway	Trillium Telephone Systems
190102	Ireland		2209/82	23/11/1988	Home communications and control system	G. Benning, B. Pascas, R. Blackhall, P. Wilker & G. Neathway	Trillium Telephone Systems
190102	US	416612	4,538,031	08/27/85	Home communications and control system	G. Benning, B. Pascas, R. Blackhall, P. Wilker & G. Neathway	Trillium Telephone Systems
190107	CAN	492911	1,239,718	07/26/88	Telephone System	Molnar	Trillium Telephone Systems
190107	US	158347	4,887,293	12/12/89	Trunk circuit with loop length gain equalization	Molnar	Trillium Telephone Systems
190107	US	829907	4,727,578	02/23/88	Telephone System	Molnar	Trillium Telephone Systems
190108	CAN	494861	1,244,541	11/08/88	Communication system having separate uni-directional information signaling	Molnar	Trillium Telephone Systems
190108	US	839521	4,701,948	10/20/87	Communication system having separate uni-directional information signaling	Molnar	Trillium Telephone Systems
190109	CAN		1,244,924	11/15/88	System for interconnecting a pair of communication systems	Molnar	Trillium Telephone Systems
190109	UK		2,183,424	10/04/89	System for interconnecting a pair of communication systems	Molnar	Trillium Telephone Systems
190109	US	840395	4,726,054	02/16/88	System for interconnecting a pair of communication systems	Molnar	Trillium Telephone Systems

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
190110	CAN		1,244,923	11/15/88	Expansion port for use in a communication system	Molnar	Trillium Telephone Systems
190110	UK		2,183,425	10/11/89	Expansion port for use in a communication system	Molnar	Trillium Telephone Systems
190110	US	840394	4,792,970	12/20/88	Expansion port for use in a communication system	Molnar	Trillium Telephone Systems
190112	CAN		1,240,089	08/02/88	Circuit for maintaining hybrid cancellation of signals in a communication system	Molnar	Trillium Telephone Systems
190112	US	420648	5,054,062	10/01/91	Circuit for maintaining hybrid cancellation of signals in a communication system	Molnar	Trillium Telephone Systems
190115	CAN		1,261,441	09/26/89	Programmable subscriber set	Brennan, Camelon, Trudel, Hum & McLeod	Trillium Telephone Systems
190115	US	903143	4,788,720	11/29/88	Programmable subscriber set	Brennan, Camelon, Trudel, Hum & McLeod	Trillium Telephone Systems
190116	CAN		1,244,979	11/15/88	Subscriber set programming module	Brennan, Trudel & Camelon	Trillium Telephone Systems
190116	UK		2,192,115	12/05/90	Subscriber set programming module	Brennan, Trudel & Camelon	Trillium Telephone Systems
190116	US	928053	4,805,211	02/14/89	Subscriber set programming module	Brennan, Trudel & Camelon	Trillium Telephone Systems
190117	CAN		1,266,717	03/13/90	Expansion subsystem for use in a communication system	Molnar	Trillium Telephone Systems
190117	UK		2,190,564	01/30/91	Expansion subsystem for use in a communication system	Molnar	Trillium Telephone Systems
190117	US	928056	4,736,406	04/05/88	Expansion subsystem for use in a communication system	Molnar	Trillium Telephone Systems
190120	CAN		1,314,965	03/23/93	Data interface for telephone system	Molnar	Trillium Telephone Systems
190120	UK	8903664.4	2,216,363	02/19/92	Data interface for telephone system	Molnar	Trillium Telephone Systems

Schedule A

Mitel#	Country	Serial #	Patent #	Grant Date	Title	Inventor	Applicant
190120	US	313036	5,046,188	09/03/91	Data interface for telephone system	Molnar	Trillium Telephone Systems
190121	UK	8904889.6	2,221,596	05/08/92	Digital key system architecture	Hatherill, Trudel, Coomber & Mitchell	Trillium Telephone Systems
190121	US	386697	5,202,883	04/13/93	Digital key system architecture	Hatherill, Trudel, Coomber & Mitchell	Trillium Telephone Systems