

EXHIBIT A

**IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF KANSAS**

SPRINT COMMUNICATIONS COMPANY L.P.,)	
)	
Plaintiff,)	
)	Case No. 05-2433-JWL
v.)	
)	
VONAGE HOLDINGS CORP. AND)	
VONAGE AMERICA, INC.)	
Defendants.)	

DEFENDANTS’ NOTICE UNDER 35 U.S.C. § 282

Pursuant to 35 U.S.C. § 282, Defendants Vonage Holdings Corp. and Vonage America, Inc. (collectively, “Vonage”) hereby give notice to Plaintiff Sprint Communications Company L.P. of the following patents and publications to be relied upon as showing anticipation of one or more of the patents-in-suit and/or as showing the state of the art:

A. United States Patents and Patent Applications

Publication Number	Inventor Name	Application Date	Publication Date
US4201889	Lawrence; Alan J. Cotton; John M. Hamer-Hodges; Kenneth J. Denenberg; Jeffrey N.	3/17/1978	5/6/1980
US4310727	Lawser; John J.	2/4/1980	1/12/1982
US4348554	Asmuth; Richard L.	3/21/1980	9/7/1982
US4453247	Suzuki; Michio Terada; Matsuaki Kato; Takao Toki; Ryuichi	3/3/1982	6/5/1984
US4453427	Kraus; Charles E. Horton; Paul L.	2/19/1982	6/12/1984
US4476347	Hagen; Rolf Weidner; Peter	3/8/1983	10/9/1984
US4491945	Turner; Jonathan S.	6/25/1982	1/1/1985
US4554659	Blood; Mark L. Darnell; Joseph W. Fergeson; Allen D. Rouse; David M.	12/12/1983	11/19/1985

Publication Number	Inventor Name	Application Date	Publication Date
US4565903	Riley; Douglas H.	8/3/1983	1/21/1986
US4611094	Asmuth; Richard L. Ermann; Renato M. Gauldin; Mark A. Gawrys; George W. Stone; Roger E. Yuhas; Marjorie P.	12/1/1983	9/9/1986
US4683563	Rouse; David M. Wallace; Richard E. Zelms; Charles M.	10/11/1984	7/28/1987
US4720850	Oberlander; Lewis B. Spicer; David A. Straubs; Ralph V.	3/14/1986	1/19/1988
US4730312	Johnson; Robert D. Merritt, Jr.; George A. Dawson; Terry L.	2/21/1986	3/8/1988
US4736364	Basso; Richard J. Burley; Laurence E. DeWitt; Gregory S. Driscoll; John J. Kelly; David W. Trygar; Robert A.	3/12/1986	4/5/1988
US4748658	Gopal; Gita Weinrib; Abel	7/16/1986	5/31/1988
US4754479	Bicknell; Rainie M. Bogart; Frank J. Dittmer; Henry C.	9/17/1986	6/28/1988
US4757526	Foster; Eugene W. Glapa; Martin J.	4/16/1987	7/12/1988
US4763317	Lehman; Harvey R. Lidinsky; William P. Mussman; Harry E. Spicer; David A. Vlack; David	12/13/1985	8/9/1988
US4774706	Adams; John L.	10/29/1986	9/27/1988
US4823338	Chan; Kenneth K. Hartmann; Philip W. Lamons; Scott P. Lyons; Terry G. Milonas; Argyrios C.	8/3/1987	4/18/1989
US4853955	Thorn; David W. Patel; Rajendra Coley; Gerald Trivedi; Ashok Patel; Girish	4/27/1988	8/1/1989
US4893307	McKay; Douglas B. Morten; Richard M. Marsili; Michael P.	2/29/1988	1/9/1990
US4895319	Bardsen; Paul K. Haraldseide; Endre	12/19/1988	1/23/1990
US4896319	Lidinsky; William P. Roediger; Gary A. Steele; Scott B. Weddige; Ronald C. Zelle; Bruce R.	3/31/1988	1/23/1990
US4916690	Barri; Peter I. A.	5/6/1988	4/10/1990
US4926416	Weik; Hartmut	12/16/1988	5/15/1990

Publication Number	Inventor Name	Application Date	Publication Date
US4979118	Kheradpir; Shaygan	3/10/1989	12/18/1990
US4985849	Hideaki; Kawamura	6/9/1988	1/15/1991
US4985889	Frankish; Anthony J. Stewart; Ian B. Stockdale; John A.	2/2/1989	1/15/1991
US4991172	Cidon; Israel Gopal; Inder S.	10/28/1988	2/5/1991
US4991204	Yamamoto; Hisao Mase; Kenichi Inoue; Akiya Itou; Hiroo Suyama; Masato Hoshi; Yoshitaka	11/9/1989	2/5/1991
US4993014	Gordon; Travis H.	5/30/1989	2/12/1991
US4993104	Kasper; Gary A. Kassien; Jeffrey R. Rohn; Dean R.	8/11/1989	2/19/1991
US5003584	Benyacar; Irving Courte; Elizabeth V. Friedes; Albert Howe; Thomas P. Kaufman; David D. Magura; James R. Rees; Rachelle E. Steinert; Pamela A. Venkataramana; Mohan Zhou; Yong	4/16/1990	3/26/1991
US5018191	Catron; Nancy A. Famulare; Richard J. Fodale; Joseph V. Hanson; Karrie J. Koch; Robert A. Large; Ronald E. Sahni; Paramdeep S. Schwartz; Alan I. Zoccolillo; Susan M.	10/23/1989	5/21/1991
US5021949	Morten; Richard M. Smith; Ted P.	2/29/1988	6/4/1991
US5036318	Bachhuber; Gerhard Buhse; Detlef	1/27/1989	7/30/1991
US5048081	Gavaras; George W. Loots; Albert S. Shanghavi; Praful B.	12/28/1989	9/10/1991
US5051983	Kammerl; Anton	9/5/1989	9/24/1991
US5058104	Yonehara; Akifumi Yokose; Yoshio	7/17/1989	10/15/1991
US5067123	Hyodo; Ryuji Iwabuchi; Eisuke Nishino; Tetsuo Isono; Osamu Tachibana; Tetsuo Fukui; Toshimasa	7/3/1990	11/19/1991
US5073890	Danielsen; Peter J.	12/30/1988	12/17/1991
US5084867	Tachibana; Tetsuo Fukui; Toshimasa Nishino; Tetsuo Isono; Osamu Hyodo; Ryuji Iwabuchi; Eisuke	9/19/1990	1/28/1992

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US5086461	Thorn; David W. Patel; Rajendra Sohl; Gordon	1/23/1990	2/4/1992
US5089954	Rago; Vito	8/8/1988	2/18/1992
US5091903	Schrodi; Karl	8/9/1990	2/25/1992
US5101404	Kunimoto; Masao Kashio; Jiro Mori; Makoto Gohara; Shinobu	8/21/1989	3/31/1992
US5108191	Leu; Ming-Sheng Tsai; Chorng-Sheng Jiang; Ming- Jhy Yu; Yng-Jye Lin; Chun- Sien	9/12/1990	4/28/1992
US5115426	Spanke; Ronald A.	3/30/1990	5/19/1992
US5115427	Johnson, Jr.; James M. Spanke; Ronald A.	3/30/1990	5/19/1992
US5115431	Williams; Charles S. T. Kattemalalavadi; Shrikanth S.	9/28/1990	5/19/1992
US5130974	Kawamura; Hajime Kuroyanagi; Keisuke	3/30/1990	7/14/1992
US5163057	Grupp; Wolfgang	4/17/1990	11/10/1992
US5168492	Beshai; Maged E. Munter; Ernst A.	4/11/1991	12/1/1992
US5179556	Turner; Jonathan S.	8/2/1991	1/12/1993
US5182550	Masuda; Toru Kamijo; Akinori	8/1/1990	1/26/1993
US5185743	Murayama; Masami Takahashi; Atsuhisa Kakuma; Satoshi Yoshimura; Shuji	2/7/1991	2/9/1993
US5185785	Funk; Michael W. Lawson; Sue A. McGuigan; David F.	10/31/1991	2/9/1993
US5193110	Jones; Scott A. Arumainayagam; Allen T. Mukherjee; Amitava Picard; Donald F. Cohen; Richard E.	10/9/1990	3/9/1993
US5204857	Obara; Keiichi	8/20/1991	4/20/1993
US5212789	Rago; Vito	10/12/1989	5/18/1993
US5216669	Hofstetter; Helga Wallmeier; Eugen	3/5/1991	6/1/1993
US5218602	Grant; Elwyn E. Hanson; Gary D. Nimon; Kimmy F. McCoy; James K.	4/4/1991	6/8/1993
US5226075	Funk; Michael W. Lawson; Sue A. McGuigan; David F.	1/22/1992	7/6/1993

Publication Number	Inventor Name	Application Date	Publication Date
US5231631	Buhrke; Rolfe E. DeBruler; Dennis L. Punj; Vikram	3/16/1992	7/27/1993
US5231633	Hluchyj; Michael G. Bhargave; Amit Yin; Nanying	7/11/1990	7/27/1993
US5231663	Earl; Joseph G. Moffitt; Michael D.	3/18/1991	7/27/1993
US5233607	Barwig; Karlhorst Eberspaecher; Joerg	4/29/1991	8/3/1993
US5237604	Ryan; Deirdre T. H.	6/28/1991	8/17/1993
US5239539	Uchida; Yoshihiro Kakuma; Satoshi Yoshimura; Shuji Aso; Yasuhiro Murayama; Masami	3/19/1991	8/24/1993
US5239542	Breidenstein; Charles J. Caplan; Jerome S. Gueldenpfennig; Klaus	8/23/1991	8/24/1993
US5239544	Balzano; Jean-Michel Le Bouffant; Alain	12/13/1990	8/24/1993
US5241588	Babson, III; David L. Ely; Thomas C.	12/18/1990	8/31/1993
US5249178	Kurano; Takatoshi Kobayashi; Takayuki Yamashita; Hiroshi	7/26/1991	9/28/1993
US5249179	Koyama; Tetsu	5/24/1990	9/28/1993
US5251255	Epley; Robert V.	4/17/1991	10/5/1993
US5253247	Hirose; Tsuguhiro Kodama; Toshikazu Kamitake; Takashi	8/19/1991	10/12/1993
US5255266	Watanabe; Yoshihiro Yamazaki; Junichi Hajikano; Kazuo Shimoe; Toshio Tsuboi; Yoji Nishimoto; Norihito Sato; Yoshiharu	10/21/1991	10/19/1993
US5258752	Fukaya; Naoki Kakuno; Yutaka	4/17/1991	11/2/1993
US5258979	Oomuro; Katsumi Miyamoto; Naoyuki Nishino; Tetsuo Isono; Osamu Tachibana; Tetsuo Hyodo; Ryuji	3/20/1991	11/2/1993
US5268895	Topper; Jeffrey	5/23/1991	12/7/1993
US5268995	Diefendorff; Keith E. Anderson; William C.	11/21/1990	12/7/1993
US5271010	Miyake; Hiroshi Kakuma; Satoshi Yoshimura; Shuji Aihara; Naoki Fukuda; Naoki	10/21/1991	12/14/1993

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US5274680	Sorton; Gerard Grento; Thierry	11/22/1991	12/28/1993
US5278889	Papanicolaou; Andreas C. Yu; Cheng D.	7/29/1992	1/11/1994
US5282244	Fuller; Stephen Hargraves; LaVerne A. Nieto; Luis E.	6/24/1991	1/25/1994
US5285441	Bansal; Narendra K. Chaudhuri; Sid Merchant; Shahrukh S. Wemple; Donald J.	3/17/1992	2/8/1994
US5289472	Cho; Kon H.	2/5/1992	2/22/1994
US5289536	Hokari; Makoto	3/20/1992	2/22/1994
US5291479	Vaziri; Faramarz Bolon; Brian Bryson; Brent E. Emerick; John	7/16/1991	3/1/1994
US5291492	Andrews; G. Wayne Fried; Jeffrey A. Gechter; Jerry Pokress; Robert L.	12/18/1991	3/1/1994
US5306318	Carius; Alan C. Connors; Edward J. Riehle; Daniel R.	3/17/1993	4/26/1994
US5311509	Heddes; Marco Luijten; Ronald	2/6/1992	5/10/1994
US5317562	Nardin; Raffaele P. Corbalis; Charles M.	5/7/1993	5/31/1994
US5317568	Bixby; Joy P. Eorgoff; Michael C. Gagne; Bruce N. Houser; Richard D. Ivanoff; Mario J. Osband; Daniel W. Richardson; Darrel D. Skaates; Mary Z.	4/11/1991	5/31/1994
US5323389	Bitz; Francois J. Menzilcioglu; Onat Cooper; Eric C. Sansom; Robert D.	8/14/1992	6/21/1994
US5323452	Dickman; Bernard N. Mond; Nancy E. Patel; Arunkumar R.	12/18/1990	6/21/1994
US5327421	Hiller; Thomas L. Phelan; James J. Zola; Meyer J.	11/6/1992	7/5/1994
US5327433	Hall; Clifford L.	8/30/1991	7/5/1994
US5327489	Anderson; Thomas W. Baral; Elliott Byrd; Ronald S. Fecht; Bernard W. Isenberg; David S. Kirsch; Larry W. Korty; Frederick W. Martin; Ronald	12/16/1991	7/5/1994

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	B. Parola; Dario L.		
US5329308	Binns; Walter P. Dagdeviren; Nuri R. Mohammadi; Khashayar Papanicolaou; Andreas C. Ryan; Deirdre T. H. Yu; Cheng D.	7/29/1992	7/12/1994
US5339318	Tanaka; Kenji Eda; Susumu Oomuro; Katsumi Hyodo; Ryuji Sekihata; Osamu Hatta; Hiroyuki Norizuki; Reiko	10/22/1992	8/16/1994
US5339818	Baker; Phillip D. Orr; Joseph A. Westenskow; Dwayne R. Egbert; Timothy P.	9/9/1993	8/23/1994
US5345443	D'Ambrogio; William J. Phillips; Wayne D. Seip; Barry S.	4/30/1992	9/6/1994
US5345445	Hiller; Thomas L. Phelan; James J. Zola; Meyer J.	11/6/1992	9/6/1994
US5345446	Hiller; Thomas L. Phelan; James J. Zola; Meyer J.	11/6/1992	9/6/1994
US5345502	Rothenhofer; Karl	6/11/1992	9/6/1994
US5357510	Norizuki; Reiko Hyodo; Ryuji Tanaka; Kenji Sekihata; Osamu Hatta; Hiroyuki Eda; Susumu Oomuro; Katsumi	2/19/1993	10/18/1994
US5363433	Isono; Osamu	4/27/1992	11/8/1994
US5365524	Hiller; Thomas L. Phelan; James J. Zola; Meyer J.	11/6/1992	11/15/1994
US5297147	Shimokasa, Kiyoshi	2/7/1992	3/22/1994
US5367566	Moe; Warren R. Russell; Larry A. Russell; Teresa L. Schevon; Catherine A. Stone; Roger E.	12/27/1991	11/22/1994
US5373504	Tanaka; Kenji Eda; Susumu Oomuro; Katsumi Hyodo; Ryuji Sekihata; Osamu Hatta; Hiroyuki Norizuki; Reiko	4/9/1993	12/13/1994

Publication Number	Inventor Name	Application Date	Publication Date
US5375124	D'Ambrogio; William J. McCourt; Karen M. Phillips; Wayne D. Saleh; Patricia D. Seip; Barry S.	2/20/1992	12/20/1994
US5377186	Wegner; David C. Shepard; Robert I.	7/21/1993	12/27/1994
US5384771	Isidoro; Alessandro L. Tsai; Howard S.	8/27/1993	1/24/1995
US5384840	Blatchford; Jo Ann DeFazio; Pamela L. Young; Joel K.	10/9/1992	1/24/1995
US5386467	Ahmad; Nisar	7/31/1992	1/31/1995
US5392402	Robrock, II; Richard B.	6/29/1993	2/21/1995
US5394393	Brisson; Jacques Caillemer; Jean Grenot; Thierry	8/18/1992	2/28/1995
US5394398	Rau; Peter	8/24/1993	2/28/1995
US5394463	Fischell; Sarah T. Freire; Roberto S. Moe; Warren R. Munson; Gary A. Russell; Teresa L.	12/31/1992	2/28/1995
US5400339	Sekine; Katsumi Fukui; Toshimasa	3/17/1993	3/21/1995
US5406550	McTiffin; Michael J.	10/15/1993	4/11/1995
US5412655	Yamada; Kenji Nakagawa; Tatsuo	1/27/1994	5/2/1995
US5414701	Shtayer; Ronen Eliyahu; Roni Livay; Aviel	7/22/1994	5/9/1995
US5416835	Lee; Dooyong	7/19/1993	5/16/1995
US5418783	Yamaki; Masateru Sogabe; Touru	12/17/1992	5/23/1995
US5420857	Jurkevich; Mark	2/8/1994	5/30/1995
US5420858	Marshall; Ken Newman; Robert Pham; Michael	5/5/1993	5/30/1995
US5420916	Sekiguchi; Katsumi	2/22/1993	5/30/1995
US5420957	Burek; Denis E. Jones; Marc D. Thomas; Phillip M.	6/22/1994	5/30/1995
US5422882	Hiller; Thomas L. Spanke; Ronald A. Stanaway, Jr.; John J. Wierzbicki; Alex L. Zola; Meyer J.	12/20/1993	6/6/1995
US5425090	Orriss; Richard A.	12/7/1993	6/13/1995
US5426636	Hiller; Thomas L. Spanke; Ronald A. Stanaway, Jr.; John J. Wierzbicki; Alex L. Zola; Meyer J.	12/20/1993	6/20/1995

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US5428607	Hiller; Thomas L. Spanke; Ronald A. Stanaway, Jr.; John J. Wierzbicki; Alex L. Zola; Meyer J.	12/20/1993	6/27/1995
US5428609	Eng; Kai Y. Martin; Gary D. Pashan; Mark A. Punj; Vikram Spanke; Ronald A.	1/3/1994	6/27/1995
US5434852	La Porta; Thomas F. Veeraraghavan; Malathi	8/31/1994	7/18/1995
US5434981	Lenihan; John P. Dezonno; Anthony J.	4/15/1993	7/18/1995
US5438527	Feldbaumer; David W. Maass; Eric	2/23/1995	8/1/1995
US5440563	Isidoro; Alessandro L. Punj; Vikram	10/12/1993	8/8/1995
US5440626	Boyle; Valerie Y. Martin; Ronald B. Swanson; Robert A.	7/28/1994	8/8/1995
US5444713	Backaus; Marjorie S. Barrera; Claire D. Davenport; Esther L. Fahrer; Harold Ostroff; Barry N. Petrelli; Robert Sonke; Susan K.	9/14/1993	8/22/1995
US5446738	Kim; Kyeong S. Kim; Hyup J. Choi; Mun K.	12/28/1993	8/29/1995
US5448569	Huang; Chia-Chi Bantz; David F. Bauchot; Frederic Natarajan; Kadathur S. Narasimhan; Anand Wetterwald; Michele M.	4/12/1994	9/5/1995
US5448621	Knudsen; John T.	8/2/1993	9/5/1995
US5448632	Iyob; Hannibal Kaish; Steven T. Noll; Paul R. Rao; V. R. Gopala Tamkin; Ronald W. Wilkinson; Alex C.	10/27/1993	9/5/1995
US5448633	Jamaledin; Barbara H. Toader; Adrian Valdez; Jose A. Zaragoza; Ruben J.	3/30/1994	9/5/1995
US5450482	Chen; Hsing-Tsuen Parrish, Jr.; Donald M. Sand; Paul R.	12/29/1992	9/12/1995
US5452296	Shimizu; Hiroshi	11/12/1993	9/19/1995
US5452297	Hiller; Thomas L. Spanke; Ronald A. Stanaway, Jr.; John J. Wierzbicki; Alex L. Zola;	12/20/1993	9/19/1995

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	Meyer J.		
US5452350	Reynolds; Henry S. Bonkowski; Edward F. Dalsky; Joel D. Pannell; Dean R. Schmidt; Joyce J.	3/9/1992	9/19/1995
US5453981	Katsube; Yasuhiro Kodama; Toshikazu	9/6/1994	9/26/1995
US5454034	Martin; Ronald B.	11/23/1993	9/26/1995
US5457684	Bharucha; Behram H. Gritton; Charles W. K. Parola; Dario L. Zoccolillo; Richard	12/21/1993	10/10/1995
US5459721	Yoshida; Atsumasa	6/15/1994	10/17/1995
US5459722	Sherif; Mostafa H.	6/30/1994	10/17/1995
US5461669	Vilain; Bernard	7/28/1993	10/24/1995
US5463620	Sriram; Kotikalapudi	2/22/1994	10/31/1995
US5463621	Suzuki; Hiroshi	5/27/1994	10/31/1995
US5469501	Otsuka; Kuniaki	11/15/1994	11/21/1995
US5473677	D'Amato; Peter A. Fischell; Sarah T. Flynn; Paul V. Mansell; James J. Robertson; John S. Young; Joel K.	6/23/1993	12/5/1995
US5473679	La Porta; Thomas F. Veeraraghavan; Malathi	12/9/1993	12/5/1995
US5475749	Akinpelu; Akinwale A. Bhagat; Promod K. Garoutte; Dana L.	2/28/1994	12/12/1995
US5477537	Dankert; Uwe Storn; Rainer	4/6/1994	12/19/1995
US5479401	Bitz; Francois J. Menzilcioglu; Onat Cooper; Eric C. Sansom; Robert D.	6/17/1994	12/26/1995
US5479402	Hata; Emi Ishibashi; Ryoichi Tachibana; Tetsuo Irie; Toshio	7/8/1994	12/26/1995
US5479495	Blumhardt; Mark S.	10/1/1993	12/26/1995
US5483527	Doshi; Bharat T. Farber; N. Harshavardhana; P. Kapoor; Rajiv Kashper; Arik Katz; Steven S. Meier-Hellstern; Kathleen S.	12/21/1994	1/9/1996

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US5485455	Dobbins; Kurt Andlauer; Phil Oliver; Chris Parker; Tom Grimes; Andy Nutbrown; Bruce Hullette; Dan Dev; Roger Jeffords; Jason	1/28/1994	1/16/1996
US5490251	Clark; William E. Olson; Lonnie A.	8/9/1991	2/6/1996
US5495484	Self; L. David Nickle, Jr.; Clement R. Skoog; Frederick H.	10/12/1993	2/27/1996
US5497373	Hulen; John S. Oren; David	3/22/1994	3/5/1996
US5499290	Koster; Karl	1/28/1993	3/12/1996
US5504742	Kakuma; Satoshi Yoshimura; Shuji Uriu; Shiro Fukuda; Naoki	10/20/1993	4/2/1996
US5504744	Adams; John L. Smith; Avril	6/3/1994	4/2/1996
US5506844	Rao; R. Padmanabha	5/20/1994	4/9/1996
US5509010	La Porta; Thomas F. Veeraraghavan; Malathi	6/25/1993	4/16/1996
US5509123	Dobbins; Kurt Dobbins; Kris Cormier; Len Yohe; Kevin Haggerty; William Simoneau; Paul Soczewinski; Rich	3/22/1994	4/16/1996
US5513178	Tanaka; Kenji	1/31/1994	4/30/1996
US5513180	Miyake; Hiroshi Aso; Yasuhiro	3/15/1994	4/30/1996
US5513355	Doellinger; Carl-Heinz Wollensak; Martin	2/5/1993	4/30/1996
US5519690	Suzuka; Tetsuya Kunimoto; Masao Iwaki; Shinichi Shimizu; Satoshi	11/4/1994	5/21/1996
US5519707	Subramanian; Rajan Chatwani; Dilip Chiang; Winnis Davar; Jonathan Opher; Ayal Sawant; Shiva	10/13/1992	5/21/1996
US5519772	Akman; Aaron A. Donnelly; Patrick J. Hollenbach; Steven A. Kret; Michael A.	1/31/1994	5/21/1996
US5521910	Matthews; Wallace	10/5/1994	5/28/1996
US5522042	Fee; Brendan Dobbins; Kurt Arneson; Dave Mullaney; Pat	1/28/1994	5/28/1996
US5526359	Read; E. Lawrence Hanson; Gary D. Sensel; Steven D. Schroder; Richard	12/30/1993	6/11/1996

Publication Number	Inventor Name	Application Date	Publication Date
US5526414	Bedard; Francois Regnier; Jean Caron; France	10/26/1994	6/11/1996
US5530698	Kozaki; Takahiko Miyagi; Morihito Okamoto; Manabu	8/23/1994	6/25/1996
US5530724	Abrams; Robert J. Atkins; William J. Tomberlin; Victor E.	11/29/1994	6/25/1996
US5533106	Blumhardt; Mark S.	6/27/1994	7/2/1996
US5533108	Harris; Rosemary H. Bruno; Richard F.	3/18/1994	7/2/1996
US5533114	Ballard; Michel Issenmann; Edouard	2/24/1994	7/2/1996
US5539698	Suzuki; Azuma	1/26/1995	7/23/1996
US5539815	Samba; Augustine S.	2/24/1995	7/23/1996
US5539816	Pinard; Deborah L. Price; Mark J.	10/28/1994	7/23/1996
US5539884	Robrock, II; Richard B.	5/28/1993	7/23/1996
US5541917	Farris; Robert D.	9/12/1994	7/30/1996
US5541918	Ganmukhi; Mahesh N. Jordan; Brian L.	1/31/1995	7/30/1996
US5541926	Saito; Takeshi Horiguchi; Akihiro Suzuki; Muneyuki Tsunoda; Keiji	10/4/1993	7/30/1996
US5544152	Obermanns; Sebastian Schoonhoven; Richard	9/28/1995	8/6/1996
US5544161	Bigham; John A. Sistanizadeh; Kamran Little; Dave	3/28/1995	8/6/1996
US5544163	Madonna; Robert P.	3/8/1994	8/6/1996
US5546398	Tucker; Michel H. Sams; Gary Hennessey; Kathleen Pattikonda; Ramakhrisna Condit; Mario	7/23/1993	8/13/1996
US5548580	Buckland; Kenneth M.	12/7/1994	8/20/1996
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US5550819	Duault; Maurice	10/4/1994	8/27/1996
US5550820	Baran; Paul	10/14/1994	8/27/1996
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US5566173	Steinbrecher; Donald H.	10/12/1994	10/15/1996
US5568475	Doshi; Bharat T. Farber; N. Harshavardhana; P. Kapoor; Rajiv Kashper; Arik Katz; Steven S. Meier-Hellstern; Kathleen S. Guiffrida; Thomas S.	12/21/1994	10/22/1996
US5570368	Murakami; Masaru Oguri; Yozo Ashi; Yoshihiro Tanaka; Katsuyoshi Kozaki; Takahiko Takase; Akihiko Miyagi; Morihito	3/24/1995	10/29/1996
US5572583	Wheeler, Jr.; David F. Farris; Robert D.	5/25/1994	11/5/1996
US5577037	Takatori; Masahiro Nakano; Yukio Ashi; Yoshihiro	3/16/1994	11/19/1996
US5577039	Won; Chan Y. Kim; Young I. Lee; Gyu S. Park; Myung G.	6/7/1995	11/19/1996
US5579311	Chopping; Geoffrey Maddern; Thomas S. Smith; Paul A.	9/8/1994	11/26/1996
US5583849	Ziemann; Klaus Schaefer; Franz-Josef	9/9/1994	12/10/1996
US5586177	Farris; Robert D. Bartholomew; Dale	9/6/1995	12/17/1996
US5587999	Endo; Koji	8/14/1995	12/24/1996
US5592477	Farris; Robert D. Bartholomew; Dale L.	10/5/1995	1/7/1997
US5594723	Tibi; Georges	3/24/1994	1/14/1997
US5600640	Blair; Hamish M. Dent; Graham R. Cutler; John W. Hoogendoorn; Cornelis Schiessl; Heinrich Schessel; Larry E.	6/7/1995	2/4/1997
US5600643	Robrock, II; Richard B.	9/23/1993	2/4/1997
US5602841	Lebizay; Gerald Munier; Jean M. Pauporte; Andre Spagnol; Victor	3/15/1995	2/11/1997
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	Albert D.		
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US5621728	Lightfoot; Regina Goodman; Bill Amin-Salehi; Bahman Arthur; Ulric E. Bigham; John A. Sistanizadeh; Kamran	3/28/1995	4/15/1997
US5623491	Skoog; Frederick H.	3/21/1995	4/22/1997
US5623493	Kagemoto; Tetsuya	4/4/1995	4/22/1997
US5627836	Conoscenti; Lisa Daley; Kathy Trogden; Henry Hossain; Carmen Lucas; Amos	1/31/1995	5/6/1997
US5629930	Beshai; Maged E. Yan; James	10/31/1995	5/13/1997
US5629938	Cerciello; John A. Hanson; Stephen E. Priest; David G.	5/25/1995	5/13/1997
US5635980	Lin; Steve M.-C. Link; Frederick C. Schwartz; Barry K.	4/4/1995	6/3/1997
US5636210	Agrawal; Jagannath P.	8/2/1995	6/3/1997
US5636261	Fils; Henry	5/2/1995	6/3/1997
US5640446	Everett; David Alan Leopold; Gary Wayne Kult; George Michael Seydel; Lee C. Vijay; Padmanabhan	5/1/1995	6/17/1997
US5661725	Buck; Donald K. Luu; Nhgiep T.	9/12/1995	8/26/1997
US5666349	Petri; Bernhard	8/28/1996	9/9/1997
US5666487	Goodman; William Sistanizadeh; Kamran Black; Michael J.	6/28/1995	9/9/1997
US5673262	Shimizu; Hiroshi	11/7/1995	9/30/1997
US5680390	Robrock, II; Richard Barker	6/6/1995	10/21/1997
US5684792	Ishihara; Teruo	6/28/1995	11/4/1997
US5684867	Gesslein, Jr.; John P. Jelinski; Robert Michael McChristian; David Caswell Thompson; William Francis	4/12/1995	11/4/1997
US5689550	Garson; Michael Stewart; Bruce D.	8/8/1994	11/18/1997

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US5703876	Christie; Joseph Michael	11/22/1995	12/30/1997
US5708702	De Paul; Kenneth E. Farris; Robert D.	7/28/1995	1/13/1998
US5710769	Anderson; Thomas Wayne Wu; Lih-Fen Leu	2/29/1996	1/20/1998
US5719863	Hummel; Heinrich	1/19/1996	2/17/1998
US5732131	Nimmagadda; Prasad V. Epley; Robert V.	11/19/1996	3/24/1998
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US5751691	Soumiya; Toshio Abe; Shunji Kato; Masafumi Watanabe; Naotoshi	7/14/1994	5/12/1998
US5751706	Land; Mark S. Kruy; Steven J. Perlman; Andrew T. Walvick; Edward A.	6/5/1996	5/12/1998
US5765108	Martin; Andrew Louis McLeod; Norman William	5/17/1995	6/9/1998
US5771231	Watanabe; Yoshihiro	8/24/1995	6/23/1998
US5771234	Wu; Chiung-Shien Ma; Gin- Kou	12/6/1995	6/23/1998
US5784371	Iwai; Kazuhiro	1/11/1996	7/21/1998
US5787086	McClure; Robert B. Caldara; Stephen A. Hauser; Stephen A. Manning; Thomas A.	7/18/1996	7/28/1998
US5793771	Darland; Timothy E. Reiman; Douglas P. Dickerman; Robert F. Cartee; Wayne M. Turner; Donald Alan	6/27/1996	8/11/1998
US5793845	Hollywood; Steven Johnston; John	10/11/1994	8/11/1998
US5793857	Barnes; Stephen Dean Bartoszewicz; James F. Schwartz; Ronald Giridharagopal; Krishnamurthy	9/27/1995	8/11/1998
US5796813	Sonnenberg; Edward	8/8/1996	8/18/1998

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US5805568	Shinbashi; Masahiro	4/3/1996	9/8/1998
US5805588	Petersen; Lars-Goran	6/2/1995	9/8/1998
US5818919	Berberich, Jr.; Edward Charles Heng; Siang Gek Lee; Susan Suh-Jen Marcus; Maura Elizabeth Pinnock; Courtney Aldington Rosenberg; John Richard Schubel; John James	7/15/1996	10/6/1998
US5825780	Christie; Joseph Michael	12/7/1995	10/20/1998
US5825856	Porter; Donna Weiss; Lawrence D.	3/20/1996	10/20/1998
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US5835566	Cowgill; George A.	3/29/1996	11/10/1998
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US5867570	Bargout; Mahmoud N. Giuhat; Adrian Martinez; Edgar Mirchandani; Sonu	7/29/1996	2/2/1999
US5867571	Borchering; James William	2/23/1996	2/2/1999
US5878029	Hasegawa; Haruhisa Yamanaka; Naoaki Shiimoto; Kouhei	2/12/1997	3/2/1999
US5881145	Giuhat; Adrian Martinez; Edgar	7/29/1996	3/9/1999
US5889773	Stevenson, III; K. Martin	12/31/1996	3/30/1999
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US5889848	Cookson; Martin D.	7/19/1996	3/30/1999
US5892764	Riemann; Ernst B. Weir; Alan T. Vyskocil; Randall Niesman; David F. Kergozou; M. A.	9/16/1996	4/6/1999
US5892820	Armstrong; Michael G. Bastress; Jon G. Bowman;	8/28/1996	4/6/1999

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	Miles S. Carlucci; David		
US5917815	Byers; Charles Calvin Runyon; James Philip Tardy; John	12/29/1995	6/29/1999
US5920562	Christie, deceased; Joseph Michael Christie, legal representative; Joseph S. Christie, legal representative; Jean M. Nelson; Tracy Lee	11/22/1996	7/6/1999
US5926479	Baran; Paul	4/24/1997	7/20/1999
US5926482	Christie; Jospheh Michael Duree; Albert Daniel Gardner; Michael Joseph Wiley; William Lyle	9/8/1995	7/20/1999
US5936949	Pasternak; Eliezer Ben- Efraim; Gideon Feeney; Stuart M.	9/5/1996	8/10/1999
US5940393	Duree; Albert Daniel Nelson; Tracy Lee	5/28/1996	8/17/1999
US5940487	Bunch; James L. Iovine; Ronald A. Perry, III; Samuel O. Putchinski; Leo J. Robertson, Jr.; Walter C. Ward; Ronald L.	7/17/1996	8/17/1999
US5940491	Anderson; Thomas Wayne Frey; Alan Eugene Meyers; Michael Neal	2/29/1996	8/17/1999
US5940492	Galloway; James Robertson Carson; Douglas John Kabay; Salih Mottishaw; Peter John	2/19/1997	8/17/1999
US5949871	Kabay; Salih Carson; Douglas John Galloway; James Robertson Mottishaw; Peter John	2/20/1997	9/7/1999
US5953338	Ma; Patrick S. Graham; Gregory S.	12/13/1996	9/14/1999
US5959996	Byers; Charles Calvin	9/5/1996	9/28/1999
US5991301	Christie; Joseph Michael	9/8/1995	11/23/1999
US5999525	Krishnaswamy; Sridhar Elliott; Isaac K. Reynolds; Tim E. Forgy; Glen A. Solbrig; Erin M.	11/18/1996	12/7/1999

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US6002689	Christie, deceased; Joseph Michael Christie, executor; by Joseph S. Christie, executor; by Jean M. Gardner; Michael Joseph Wiley; William Lyle Duree; Albert Daniel Nelson; Tracy Lee	11/22/1996	12/14/1999
US6005845	Svennesson; Bjorn Arne strom; Bo Arne Valdemar Sumar; Gulamabbas Schmersel; Robert Johannes Bernardus	10/3/1996	12/21/1999
US6009100	Gausmann; Eric John Witschorik; Charles Arthur	9/12/1997	12/28/1999
US6014378	Christie, deceased; Joseph Michael Christie, legal representative; by Joseph S. Christie, legal representative; by Jean M. Gardner; Michael Joseph Wiley; William Lyle DuRee; Albert Daniel Nelson; Tracy Lee	11/22/1996	1/11/2000
US6016319	Kshirsagar; Madhukar M. La Porta; Thomas F. Shur; David H. Veeraraghavan; Malathi Woodworth; Clark	9/11/1996	1/18/2000
US6016343	Hogan; Steven J. Feltz; Kristi T. Murdock; Douglas R. Goodman; Todd A. Vercande; David J. Tangeman; Michael R. Busch; Eric M. Kripakaran; Raghavan Jayasimha; Madhigubba G. Smith; Keith E. Austin; Mark A. Berry; Dana Bruce	8/20/1996	1/18/2000
US6023474	Gardner; Michael Joseph Nelson; Tracy Lee Wiley; William Lyle	11/22/1996	2/8/2000
US6026086	Lancelot; Robert W. Newlin; Douglas J.	1/8/1997	2/15/2000

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US6026091	Christie, deceased; Joseph Michael Christie, legal representative; by Joseph S. Christie, legal representative; by Jean M. DuRee; Albert Daniel Gardner; Michael Joseph Nelson; Tracy Wiley; William Lyle	7/27/1998	2/15/2000
US6031840	Christie, deceased; Joseph Michael Christie, executor; by Joseph S. Christie, executrix; by Jean M. Wiley; William Lyle Howell; Royal Dean	11/22/1996	2/29/2000
US6041043	Denton; Claude Kirkpatrick; Donald C. Peters; Samuel J.	10/25/1996	3/21/2000
US6061364	Hager; Kevin W. Ross; Frederick L.	12/16/1997	5/9/2000
US6064648	Hellman; Esko Flinck; Hannu	6/18/1997	5/16/2000
US6064887	Kallioniemi; Karl-Erik Larsson; Mikael Olsson; Bjorn Kilhage; Per-Erik Mikael	12/11/1996	5/16/2000
US6067299	DuRee; Albert Daniel	4/16/1997	5/23/2000
US6069890	White; Patrick E. Farris; Robert D.	6/26/1996	5/30/2000
US6072798	Beasley; James	10/31/1996	6/6/2000
US6078657	Alfieri; James Daniel Krall, III; William Henry	5/30/1997	6/20/2000
US6081525	Christie, deceased; Joseph Michael Christie, legal representative; by Jean M. Christie, legal representative; by Joseph S. Duree; Albert Daniel Gardner; Michael Joseph Wiley; William Lyle Bahl; Manu Chand Sbisaa; Daniel Charles	2/2/1996	6/27/2000
US6081529	Christie; Joseph Michael	9/18/1997	6/27/2000
US6088749	Hebert; Mark P. Silva; Michael C.	7/7/1999	7/11/2000
US6097801	Williams; L. Lloyd Carkner; R. William Anderson; John Milton Gaskin; Michael Andrew Taylor; William	11/7/1996	8/1/2000

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	Edward		
US6104718	Christie; Joseph Michael	5/20/1998	8/15/2000
US6108341	Christie; Joseph Michael	5/20/1998	8/22/2000
US6115380	Christie, deceased; Joseph Michael Christie, legal representative; by Joseph S. Christie, legal representative; by Jean M. Gardner; Michael Joseph DuRee; Albert Daniel Wiley; William Lyle	11/22/1996	9/5/2000
US6172977	Christie; Joseph Michael Duree; Albert Daniel Gardner; Michael Joseph Sucharczuk; Mark Wiley; William Lyle	2/2/1996	1/9/2001
US6173051	Lipchock; Michael J. Florindi; Robert P.	11/21/1996	1/9/2001
US6175574	Lewis; Karl M.	10/15/1996	1/16/2001
US6178167	Fraser; Alexander Gibson	4/4/1996	1/23/2001
US6181703	Christie; Joseph Michael Bahl; Manu Chand Duree; Albert Daniel Gardner; Michael Joseph Sbisaa; Daniel Charles Wiley; William Lyle	9/8/1995	1/30/2001
US6192052	Christie; Joseph Michael	5/20/1998	2/20/2001
US6201812	Christie; Joseph Michael	5/20/1998	3/13/2001
US6208660	Christie; Joseph Michael	5/20/1998	3/27/2001
US6212193	Christie; Joseph Michael	5/20/1998	4/3/2001
US6249529	Christie; Joseph Michael Duree; Albert Daniel Gardner; Michael Joseph Wiley; William Lyle	7/16/1998	6/19/2001
US6272142	Christie; Joseph Michael Christie; Joseph S. Gardner; Michael Joseph DuRee; Albert Daniel Wiley; William Lyle Nelson; Tracy Lee	3/19/1999	8/7/2001
US6314096	Tanabe; Shirou Suzuki; Taihei Gohara; Shinobu Sakurai; Yoshito Ohtsuki; Kenichi Kato; Takao Kuwahara; Hiroshi Amada;	12/20/1999	11/6/2001

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	Eiichi		
US6314103	Medhat; Khalid Mohamed Gardner; Michael Joseph Boldt; Dean Charles	2/20/1998	11/6/2001
US6324179	Doshi; Bharat Tarachand Farber; N. Harshavardhana; P. Kapoor; Rajiv Kashper; Arik Katz; Steven S. Meier-Hellstern; Kathleen S. Giuffrida; Thomas S.	12/21/1994	11/27/2001
US6327270	Christie; Josph Michael Duree; Albert Daniel Gardner; Michael Joseph Wiley; William Lyle	7/16/1998	12/4/2001
US6411624	Christie; Joseph Michael Christie; Joseph S. Wiley; William Lyle Howell; Royal Dean	2/2/1999	6/25/2002
US6411627	Hullett; John Leslie Cantoni; Antonio Budrikis; Zigmantas Leonas Wittorff; Vaughan William	3/13/1997	6/25/2002
US6473429	Christie; Joseph Michael	7/15/1999	10/29/2002
US6480493	Christie; Joseph Michael Bahl; Bobby Chand Duree; Albert Daniel Gardner; Michael Joseph Sbis; Daniel Charles Wiley; William Lyle	3/25/1999	11/12/2002
US6487200	Fraser; Alexander Gibson	4/4/1996	11/26/2002
US6546003	Farris; Robert D.	11/21/1996	4/8/2003
US6618372	Tanabe; Shirou Suzuki; Taihei Gohara; Shinobu Sakurai; Yoshito Ohtsuki; Kenichi Kato; Takao Kuwahara; Hiroshi Amada; Eiichi	6/28/1999	9/9/2003
US6639912	Christie; Joseph Michael Christie; Joseph S. Gardner; Michael Joseph DuRee; Albert Daniel Wiley; William Lyle Nelson; Tracy Lee	2/15/2002	10/28/2003

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US6795440	Christie; Joseph Michael Christie; Joseph S. Gardner; Michael Joseph DuRee; Albert Daniel Wiley; William Lyle Nelson; Tracy Lee	3/19/1999	9/21/2004

B. European Patents and Patent Applications

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EP403414A3	Stevenson, John George Williams, Raymond Charles	5/29/1990	10/23/1991
EP426911A1	I'Anson, Colin Stephen	11/6/1989	5/15/1991
EP460843A2	Blake, Bruce M. Gilboy, Christopher P.	5/24/1991	12/11/1991
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EP466078A2	Ballard, Michel Issenmann, Edouard	7/8/1991	1/15/1992
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EP549016A1	Van Nielen, Marcus Josephus Johannes	12/1/1992	6/30/1993
EP559979A2	Reynolds, Henry Statham Bonkowski, Edward Francis Dalsky, Joel Dennis Pannell, Dean Ross Schmidt, Joyce Jean	8/26/1992	9/15/1993

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EP582418A2	Skinner, Ian John Blackwell, Christopher George Arthur	7/26/1993	2/9/1994
EP582418A3	Skinner, Ian John Blackwell, Christopher George Arthur	7/26/1993	12/21/1994
EP592152A2	Blatchford, Jo Ann DeFazio, Pamela Lilly Young, Joel Kreger	9/30/1993	4/13/1994
EP592152A3	Blatchford, Jo Ann DeFazio, Pamela Lilly Young, Joel Kreger	9/30/1993	2/15/1995
EP592153A2	Blatchford, Jo Ann DeFazio, Pamela Lilly	9/30/1993	4/13/1994
EP592153A3	Blatchford, Jo Ann DeFazio, Pamela Lilly	9/30/1993	2/15/1995
EP592154A2	Blatchford, Jo Ann DeFazio, Pamela Lilly	9/30/1993	4/13/1994
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EP631447A2	D'Amato, Peter A. Fischell, Sarah T. Flynn, Paul V. Mansell, James J. Robertson, John S. Young, Joel Kreger	6/15/1994	12/28/1994
EP631447A3	D'Amato, Peter A. Fischell, Sarah T. Flynn, Paul V. Mansell, James J. Robertson, John S. Young, Joel Kreger	6/15/1994	8/28/1996

C. Japanese Patents and Patent Applications

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JP1300738A2	SUZUKI TAKAO NOGUCHI OSAMU	5/30/1988	12/5/1989

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	YOKOTA KIYOSHI EGUCHI KOHEI		
JP2076356A2	TAKASE MASAHIKO TAKATORI MASAHIRO TAKEMURA YOSHIAKI KOBAYASHI NAOYA SAWADA YASUSHI NAKANO YUKIO TAKAHASHI YASUSHI FURUYA MASAHIRO TAKASAKI YOSHITAKA	9/12/1988	3/15/1990
JP2215247A2	TSUBOI YOJI TSUNEKIYO HIROYUKI	2/16/1989	8/28/1990
JP2503979B2	N/A	6/30/1986	6/5/1996
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JP2503979Y2	N/A	5/19/1993	7/3/1996
JP3055996A2	SHIMADA TOSHIHARU MIYAMAE TATSUHIKO FUJIKI TAKASHI YAMAMOTO HIROBUMI	7/24/1989	3/11/1991
JP3055996B2	N/A	1/20/1992	6/26/2000
JP3055996B4	CHIBA SEIICHI NISHIMURA AKIHIRO	11/8/1982	8/27/1991
JP3270342A2	ISONO OSAMU NISHINO TETSUO TACHIBANA TETSUO HYODO RYUJI MIYAMOTO NAOYUKI OMURO KATSUMI	3/20/1990	12/2/1991
JP3270342B2	N/A	9/27/1996	4/2/2002
JP3295333A2	GAVARAS GEORGE W LOOTS ALBERT S SHANGHAVI PRAFUL B	12/13/1990	12/26/1991
JP3295333B2	N/A	1/10/1997	6/24/2002
JP4100452A2	OBARA KEIICHI	8/20/1990	4/2/1992
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JP5022403A2	NAKAJIMA SEIICHI HARADA YONOSUKE	7/15/1991	1/29/1993
JP5022403B4	YOTSUYANAGI MICHIO	1/20/1988	3/29/1993

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JP5236024A2	NAKAMORI MICHIO	2/20/1992	9/10/1993
JP5327751A2	HYODO RYUJI MIYAMOTO NAOYUKI SHIMADA KOUSOU MATSUDA TAKAO TANAKA KENJI HATTA HIROYUKI SEKIHASHI OSAMU	5/19/1992	12/10/1993
JP6006320A2	BABA KOICHIRO IRIBE SHINICHI	6/19/1992	1/14/1994
JP6006320B4	SATO TOSHUKI SATO WATARU	8/31/1990	1/26/1994
JP7009541A2	HANSUUBUERUNAA RIYUTSUKUBUARUTO	3/4/1994	1/13/1995
JP7009541B4	N/A	11/30/1987	2/1/1995
JP7009541U2	N/A	7/13/1993	2/10/1995
JP7009541Y2	N/A	10/9/1991	3/6/1995
JP7170324A2	D AMATO PETER A FISCHELL SARAH T FLYNN PAUL V MANSELL JAMES J ROBERTSON JOHN S YOUNG JOEL K	6/22/1994	7/4/1995
JP7177061A2	MIURA KAZUMA FUJITANI HIROSHI MIZUNO TOSHIRO	12/20/1993	7/14/1995
JP7250099A2	KOSHIRO YOSHIHARU NAKAMURA HIDEFUMI KAI TOSHIHIRO KIN KATSUYOSHI MIZUNO MITSUYUKI IIZUKA TADASHI NAKAJIMA SHINICHI	3/9/1994	9/26/1995
JP8149137A2	NAKAJIMA ICHIRO ISHIHARA TOMOHIRO TAKEO HIROSHI IGUCHI KAZUO UEMATSU HITOSHI UEDA HIROMI	11/18/1994	6/7/1996
JP8242288A2	DOSHI BHARAT T FARBER N HARSHAVARDHANA P KAPOOR RAJIV KASHPER ARIK KATZ STEVEN S MEIER-HELLSTERN	12/20/1995	9/17/1996

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	KATHLEEN S		
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CERTIFICATE OF SERVICE

I hereby certify on August 3, 2007 a true and correct copy of Vonage Holdings Corp. and Vonage America, Inc.'s DEFENDANTS' NOTICE OF PRIOR ART UNDER 35 U.S.C. § 282 was served by electronic mail on:

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