

Exhibit 1



(12) **United States Patent**
Perreault et al.

(10) **Patent No.:** **US 10,218,606 B2**
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(54) **PRODUCING ROUTING MESSAGES FOR VOICE OVER IP COMMUNICATIONS**

(56) **References Cited**

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4,747,124 A 5/1988 Ladd
4,916,491 A 4/1990 Katoh
(Continued)

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FOREIGN PATENT DOCUMENTS

BR PI 0718312-7 A2 11/2013
BR PI 0719682-2 A2 1/2014
(Continued)

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

OTHER PUBLICATIONS

This patent is subject to a terminal disclaimer.

Abrazhevich, Dennis. "Electronic Payment Systems: a User-Centered Perspective and Interaction Design," *Thesis under the auspices of the J.F. Schouten School for User-System Interaction Research*, Technische Universiteit Eindhoven, Netherlands, 2004, pages Cover page—p. 189.

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Related U.S. Application Data

(63) Continuation of application No. 15/730,600, filed on Oct. 11, 2017, now Pat. No. 9,935,872, which is a (Continued)

(57) **ABSTRACT**

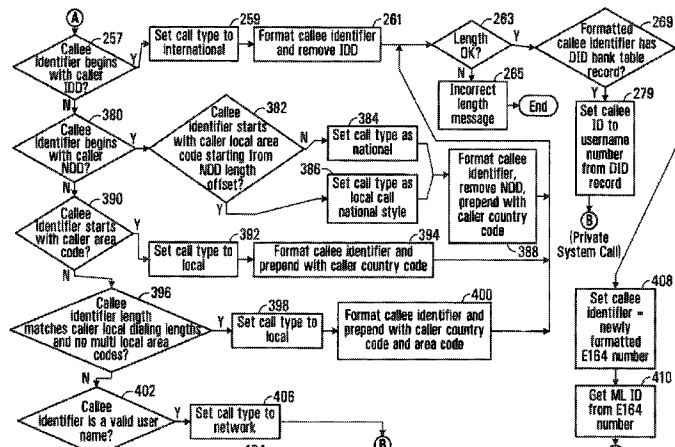
A process and apparatus to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated is disclosed. In response to initiation of a call by a calling subscriber, a caller identifier and a callee identifier are received. Call classification criteria associated with the caller identifier are used to classify the call as a public network call or a private network call. A routing message identifying an address, on the private network, associated with the callee is produced when the call is classified as a private network call and a routing message identifying a gateway to the public network is produced when the call is classified as a public network call.

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CPC **H04L 45/3065** (2013.01); **A61K 39/39558** (2013.01); **A61K 45/06** (2013.01);
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(58) **Field of Classification Search**
None
See application file for complete search history.

49 Claims, 32 Drawing Sheets



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- continuation of application No. 15/396,344, filed on Dec. 30, 2016, now Pat. No. 9,813,330, which is a continuation of application No. 14/877,570, filed on Oct. 7, 2015, now Pat. No. 9,537,762, which is a continuation of application No. 13/966,096, filed on Aug. 13, 2013, now Pat. No. 9,179,005, which is a continuation of application No. 12/513,147, filed as application No. PCT/CA2007/001956 on Nov. 1, 2007, now Pat. No. 8,542,815.
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- (56) **References Cited**
 U.S. PATENT DOCUMENTS
 4,992,971 A 2/1991 Hayashi
 5,146,491 A 9/1992 Silver et al.
 5,247,571 A 9/1993 Kay et al.
 5,303,297 A 4/1994 Hillis
 5,325,421 A 6/1994 Hou et al.
 5,359,642 A 10/1994 Castro
 5,425,085 A 6/1995 Weinberger et al.
 5,440,621 A 8/1995 Castro
 5,454,030 A 9/1995 de Oliveira et al.
 5,469,497 A 11/1995 Pierce et al.
 5,506,893 A 4/1996 Buscher et al.
 5,519,769 A 5/1996 Weinberger et al.
 5,559,871 A 9/1996 Smith
 5,561,707 A 10/1996 Katz
 5,590,133 A 12/1996 Billstrom et al.
 5,602,907 A 2/1997 Hata et al.
 5,608,786 A 3/1997 Gordon
 5,661,790 A 8/1997 Hsu
 5,677,955 A 10/1997 Doggett et al.
 5,712,907 A 1/1998 Wegner et al.
 5,719,926 A 2/1998 Hill
 5,722,067 A 2/1998 Fougnes et al.
 5,724,355 A 3/1998 Bruno et al.
 5,726,984 A 3/1998 Kubler et al.
 5,737,414 A 4/1998 Walker et al.
 5,742,596 A 4/1998 Baratz et al.
 5,751,961 A 5/1998 Smyk
 5,768,521 A 6/1998 Dedrick
 5,793,762 A 8/1998 Penners et al.
 5,799,072 A 8/1998 Vulcan et al.
 5,802,502 A 9/1998 Gell et al.
 5,825,863 A 10/1998 Walker
 5,828,740 A 10/1998 Khuc et al.
 5,838,682 A 11/1998 Dekelbaum et al.
 5,845,267 A 12/1998 Ronen
 5,850,433 A 12/1998 Rondeau
 5,864,610 A 1/1999 Ronen
 5,867,495 A 2/1999 Elliott et al.
 5,883,810 A 3/1999 Franklin et al.
 5,883,891 A 3/1999 Williams et al.
 5,889,774 A 3/1999 Mirashrafi et al.
 5,905,736 A 5/1999 Ronen et al.
 5,907,547 A 5/1999 Folandare et al.
 5,910,946 A 6/1999 Csapo
 5,915,005 A 6/1999 He
 5,915,093 A 6/1999 Berlin et al.
 5,917,899 A 6/1999 Moss et al.
 5,923,659 A 7/1999 Curry et al.
 5,930,343 A 7/1999 Vasquez
 5,937,045 A 8/1999 Yaoya et al.
 5,940,598 A 8/1999 Strauss et al.
 5,953,504 A 9/1999 Sokal et al.
 5,956,391 A 9/1999 Melen et al.
 5,970,477 A 10/1999 Roden
 5,974,043 A 10/1999 Solomon
 5,991,291 A 11/1999 Asai et al.
 5,991,378 A 11/1999 Apel
 6,005,870 A 12/1999 Leung et al.
 6,005,926 A 12/1999 Mashinsky
 6,014,379 A 1/2000 White et al.
 6,021,126 A 2/2000 White et al.
 6,029,062 A 2/2000 Hanson
 6,036,090 A 3/2000 Rahman et al.
 6,052,445 A 4/2000 Bashoura et al.
 6,058,300 A 5/2000 Hanson
 6,069,890 A 5/2000 White et al.
 6,073,013 A 6/2000 Agre et al.
 6,078,647 A 6/2000 D'Eletto
 6,104,704 A 8/2000 Buhler et al.
 6,104,711 A 8/2000 Voit
 6,115,737 A 9/2000 Ely et al.
 6,128,304 A 10/2000 Gardell et al.
 6,137,869 A 10/2000 Voit et al.
 6,141,404 A 10/2000 Westerlage et al.
 6,151,385 A 11/2000 Reich et al.
 6,173,272 B1 1/2001 Thomas et al.
 6,185,414 B1 2/2001 Brunner et al.
 6,188,752 B1 2/2001 Lesley
 6,192,123 B1 2/2001 Grunsted et al.
 6,236,851 B1 5/2001 Fougnes et al.
 6,240,449 B1 5/2001 Nadeau
 6,243,689 B1 6/2001 Norton
 6,249,573 B1 6/2001 Hudson
 6,282,574 B1 8/2001 Voit
 6,292,547 B1 9/2001 Katz
 6,298,062 B1 10/2001 Gardell et al.
 6,298,250 B1 10/2001 Nilsson
 6,310,859 B1 10/2001 Morita et al.
 6,327,351 B1 12/2001 Walker et al.
 6,351,464 B1 2/2002 Galvin et al.
 6,359,880 B1 3/2002 Curry et al.
 6,430,275 B1 8/2002 Voit et al.
 6,434,143 B1 8/2002 Donovan
 6,445,694 B1 9/2002 Swartz

US 10,218,606 B2

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(56)

References Cited

U.S. PATENT DOCUMENTS

6,560,224 B1	5/2003	Kung et al.	7,593,884 B2	9/2009	Rothman et al.
6,574,328 B1	6/2003	Wood et al.	7,599,944 B2	10/2009	Gaurav et al.
6,594,254 B1	7/2003	Kelly	7,639,792 B2	12/2009	Qiu et al.
6,597,686 B1	7/2003	Smyk	7,644,037 B1	1/2010	Ostrovsky
6,597,783 B1	7/2003	Tada et al.	7,647,500 B2	1/2010	Machiraju et al.
6,603,977 B1	8/2003	Walsh et al.	7,657,011 B1	2/2010	Zielinski et al.
6,636,833 B1	10/2003	Flitcroft et al.	7,664,495 B1	2/2010	Bonner et al.
6,650,641 B1	11/2003	Albert et al.	7,676,215 B2	3/2010	Chin et al.
6,674,745 B1	1/2004	Schuster et al.	7,676,431 B2	3/2010	O'Leary et al.
6,674,850 B2	1/2004	Vu et al.	7,680,114 B2	3/2010	Yazaki et al.
6,724,860 B2	4/2004	Stumer et al.	7,680,737 B2	3/2010	Smith et al.
6,744,858 B1	6/2004	Ryan et al.	7,702,308 B2	4/2010	Rollender
6,760,324 B1	7/2004	Scott et al.	7,715,413 B2	5/2010	Vaziri et al.
6,766,159 B2	7/2004	Lindholm	7,715,821 B2	5/2010	Rollender
6,772,188 B1	8/2004	Cloutier	7,734,544 B2	6/2010	Schleicher
6,772,210 B1	8/2004	Edholm	7,738,384 B2	6/2010	Pelletier
6,775,534 B2	8/2004	Lindgren et al.	7,764,777 B2	7/2010	Wood et al.
6,785,266 B2	8/2004	Swartz	7,764,944 B2	7/2010	Rollender
6,798,767 B1	9/2004	Alexander et al.	7,765,261 B2	7/2010	Kropivny
6,819,929 B2	11/2004	Antonucci et al.	7,765,266 B2	7/2010	Kropivny
6,873,599 B1	3/2005	Han	7,774,711 B2	8/2010	Valeski
6,892,184 B1	5/2005	Komen et al.	7,797,459 B1	9/2010	Roy et al.
6,934,279 B1	8/2005	Sollee et al.	7,882,011 B2	2/2011	Sandhu et al.
6,937,713 B1	8/2005	Kung et al.	7,894,441 B2	2/2011	Yazaki et al.
6,947,531 B1	9/2005	Lewis et al.	7,899,742 B2	3/2011	Berkert et al.
6,954,453 B1	10/2005	Schindler	7,907,551 B2	3/2011	Croy et al.
6,961,334 B1	11/2005	Kaczmarczyk	7,907,714 B2	3/2011	Baniak et al.
6,963,557 B2	11/2005	Knox	7,929,955 B1	4/2011	Bonner
6,963,739 B2	11/2005	Dorenbosch et al.	7,944,909 B2	5/2011	James
6,985,440 B1	1/2006	Albert et al.	7,950,046 B2	5/2011	Kropivny
6,993,015 B2	1/2006	Kobayashi	7,958,233 B2	6/2011	Gutierrez
7,006,508 B2	2/2006	Bondy et al.	7,965,645 B2	6/2011	Pelletier
7,010,727 B1	3/2006	Stucker	7,979,529 B2	7/2011	Kreusch et al.
7,027,564 B2	4/2006	James	7,995,589 B2	8/2011	Sollee et al.
7,042,985 B1	5/2006	Wright	8,024,785 B2	9/2011	Andress et al.
7,046,658 B1	5/2006	Kundaje	8,027,333 B2	9/2011	Grabelsky et al.
7,047,561 B1	5/2006	Lee	8,036,366 B2	10/2011	Chu
7,051,072 B2	5/2006	Stewart et al.	8,041,022 B1	10/2011	Andreassen et al.
7,055,174 B1	5/2006	Cope et al.	8,050,273 B2	11/2011	Gass
7,068,668 B2	6/2006	Feuer	8,060,887 B2	11/2011	Kropivny
7,068,772 B1	6/2006	Widger et al.	8,078,164 B2	12/2011	Ganesan
7,079,526 B1	7/2006	Wipliez et al.	8,111,690 B2	2/2012	Hussain et al.
7,120,682 B1	10/2006	Salama	8,116,307 B1	2/2012	Thesayi et al.
7,151,772 B1	12/2006	Kalmanek, Jr. et al.	8,125,982 B2	2/2012	Feuer
7,174,156 B1	2/2007	Mangal	8,127,005 B2	2/2012	Gutierrez
7,177,399 B2	2/2007	Dawson et al.	8,145,182 B2	3/2012	Rudolf et al.
7,203,478 B2	4/2007	Benco et al.	8,161,078 B2	4/2012	Gaurav et al.
7,212,522 B1	5/2007	Shankar et al.	8,166,533 B2	4/2012	Yuan
7,218,722 B1	5/2007	Turner et al.	8,166,547 B2	4/2012	Bevan et al.
7,277,528 B2	10/2007	Rao et al.	8,189,568 B2	5/2012	Qiu et al.
7,330,835 B2	2/2008	Deggendorf	8,190,739 B2	5/2012	Gutierrez
7,346,156 B1	3/2008	Choupak et al.	8,200,575 B2	6/2012	Torres et al.
7,366,157 B1	4/2008	Valentine et al.	8,204,044 B2	6/2012	Lebizay
7,400,881 B2	7/2008	Kallio	8,219,115 B1	7/2012	Nelissen
7,426,492 B1	9/2008	Bishop et al.	8,223,927 B2	7/2012	Di Serio et al.
7,436,835 B2	10/2008	Castleberry et al.	8,228,837 B2	7/2012	Sheriff et al.
7,437,665 B2	10/2008	Perham	8,228,897 B2	7/2012	Mitchell
7,440,441 B2	10/2008	Lakhani et al.	8,243,730 B1	8/2012	Wong et al.
7,440,442 B2	10/2008	Grabelsky et al.	8,244,204 B1	8/2012	Chen et al.
7,447,707 B2	11/2008	Gaurav et al.	8,275,404 B2	9/2012	Berger et al.
7,454,200 B2	11/2008	Cai et al.	8,300,632 B2	10/2012	Davis et al.
7,454,510 B2	11/2008	Kleyman et al.	8,306,021 B2	11/2012	Lawson et al.
7,457,865 B2	11/2008	Ramakrishnan et al.	8,306,063 B2	11/2012	Erdal et al.
7,477,843 B1*	1/2009	Peeters H04Q 11/0062 398/49	8,315,521 B2	11/2012	Leiden et al.
7,486,664 B2	2/2009	Swartz	8,363,647 B2	1/2013	Fangman et al.
7,486,667 B2	2/2009	Feuer	8,364,172 B2	1/2013	Guanfeng et al.
7,486,684 B2	2/2009	Chu et al.	8,396,445 B2	3/2013	Crawford et al.
7,512,117 B2	3/2009	Swartz	8,410,907 B2	4/2013	Twitchell, Jr.
7,545,761 B1	6/2009	Kalbag	8,417,791 B1	4/2013	Peretz et al.
7,565,131 B2	7/2009	Rollender	8,422,507 B2	4/2013	Björnsell et al.
7,573,982 B2	8/2009	Breen et al.	8,423,791 B1	4/2013	Yu et al.
7,580,886 B1	8/2009	Schulz	8,427,981 B2	4/2013	Wyss et al.
			8,437,340 B2	5/2013	James
			8,462,915 B2	6/2013	Breen et al.
			8,468,196 B1	6/2013	Roskind et al.
			8,493,931 B1	7/2013	Nix
			8,509,225 B2	8/2013	Grabelsky et al.

US 10,218,606 B2

Page 4

(56)		References Cited			
		U.S. PATENT DOCUMENTS		2002/0122391	A1 9/2002 Shalit
				2002/0122547	A1 9/2002 Hinchey et al.
				2002/0141352	A1 10/2002 Fangman et al.
				2002/0150080	A1* 10/2002 Bhattacharya H04L 29/06027 370/351
8,537,805	B2	9/2013	Björzell et al.	2003/0008635	A1 1/2003 Ung et al.
8,542,815	B2	9/2013	Perreault et al.	2003/0012196	A1 1/2003 Ramakrishnan
8,543,477	B2	9/2013	Love et al.	2003/0043974	A1 3/2003 Emerson, III
8,594,298	B2	11/2013	Klein et al.	2003/0095539	A1 5/2003 Feuer
8,599,747	B1	12/2013	Saleem et al.	2003/0114145	A1 6/2003 Boda et al.
8,599,837	B2	12/2013	Kyle	2003/0121967	A1 7/2003 Goldberg et al.
8,605,714	B2	12/2013	Lebizay	2003/0179747	A1 9/2003 Pyke et al.
8,605,869	B1	12/2013	Mobarak et al.	2003/0200311	A1 10/2003 Baum
8,607,323	B2	12/2013	Yuan	2003/0211840	A1 11/2003 Castrogiovanni et al.
8,611,354	B2	12/2013	Keränen et al.	2003/0219103	A1 11/2003 Rao et al.
8,625,578	B2	1/2014	Roy et al.	2004/0009761	A1 1/2004 Money et al.
8,627,211	B2	1/2014	Kropivny	2004/0019539	A1 1/2004 Raman et al.
8,630,234	B2	1/2014	Björzell et al.	2004/0022237	A1 2/2004 Elliot et al.
8,634,838	B2	1/2014	Hellwig et al.	2004/0034793	A1 2/2004 Yuan
8,675,566	B2	3/2014	Huttunen et al.	2004/0157629	A1 8/2004 Kallio et al.
8,682,919	B1	3/2014	Golliher	2004/0165709	A1 8/2004 Pence et al.
8,702,505	B2	4/2014	Kropivny	2004/0181599	A1 9/2004 Kreuzsch et al.
8,713,098	B1	4/2014	Adya et al.	2004/0202160	A1* 10/2004 Westphal H04L 12/4633 370/389
8,724,643	B2	5/2014	Feuer	2004/0202295	A1 10/2004 Shen et al.
8,738,051	B2	5/2014	Nowack et al.	2004/0203565	A1 10/2004 Chin et al.
8,749,610	B1	6/2014	Gossweiler et al.	2004/0203582	A1 10/2004 Dorenbosch et al.
8,750,290	B2	6/2014	Vance et al.	2004/0218748	A1 11/2004 Fisher
8,755,376	B2	6/2014	Lawson et al.	2004/0240439	A1 12/2004 Castleberry et al.
8,763,081	B2	6/2014	Bogdanovic et al.	2004/0255126	A1 12/2004 Reith
8,767,717	B2	7/2014	Siegel et al.	2005/0007999	A1 1/2005 Becker et al.
8,768,951	B2	7/2014	Crago	2005/0021939	A1 1/2005 Le et al.
8,774,171	B2	7/2014	Mitchell	2005/0025043	A1 2/2005 Mussman et al.
8,774,378	B2	7/2014	Björzell et al.	2005/0063519	A1 3/2005 James
8,774,721	B2	7/2014	Hertel et al.	2005/0069097	A1 3/2005 Hanson et al.
8,780,703	B1	7/2014	Eidelson et al.	2005/0083911	A1 4/2005 Grabelsky et al.
8,792,374	B1	7/2014	Jain et al.	2005/0094651	A1 5/2005 Lutz et al.
8,792,905	B1	7/2014	Li et al.	2005/0131813	A1 6/2005 Gallagher et al.
8,804,705	B2	8/2014	Fangman et al.	2005/0169248	A1 8/2005 Truesdale et al.
8,805,345	B2	8/2014	Ling et al.	2005/0171898	A1 8/2005 Bishop et al.
8,810,392	B1	8/2014	Teller et al.	2005/0174937	A1 8/2005 Scoggins et al.
8,819,566	B2	8/2014	Mehin et al.	2005/0177843	A1 8/2005 Williams
8,837,360	B1	9/2014	Mishra et al.	2005/0188081	A1 8/2005 Gibson et al.
8,837,465	B2	9/2014	Lawson et al.	2005/0190892	A1 9/2005 Dawson et al.
8,838,539	B1	9/2014	Ashcraft et al.	2005/0192897	A1 9/2005 Rogers et al.
8,848,887	B2	9/2014	Willman et al.	2005/0192901	A1 9/2005 McCoy et al.
8,862,701	B2	10/2014	Havruluk	2005/0198499	A1 9/2005 Salapaka et al.
8,885,609	B2	11/2014	Nix	2005/0202799	A1 9/2005 Rollender
8,903,051	B2	12/2014	Li et al.	2005/0222952	A1 10/2005 Garrett et al.
8,903,360	B2	12/2014	Celi, Jr. et al.	2005/0267842	A1 12/2005 Weichert et al.
8,909,556	B2	12/2014	Huxham	2005/0287979	A1 12/2005 Rollender
8,938,209	B2	1/2015	Crawford et al.	2006/0006224	A1 1/2006 Modi
8,938,534	B2	1/2015	Le et al.	2006/0007940	A1 1/2006 Sollee et al.
8,948,061	B2	2/2015	Sridhar	2006/0013266	A1 1/2006 Vega-Garcia et al.
8,972,612	B2	3/2015	Le et al.	2006/0025122	A1 2/2006 Harris et al.
8,982,719	B2	3/2015	Seetharaman et al.	2006/0030290	A1 2/2006 Rudolf et al.
8,995,428	B2	3/2015	Haster	2006/0036522	A1 2/2006 Perham
9,003,306	B2	4/2015	Mehin et al.	2006/0072547	A1 4/2006 Florkey et al.
9,137,385	B2	9/2015	Björzell et al.	2006/0072550	A1 4/2006 Davis et al.
9,143,608	B2	9/2015	Björzell et al.	2006/0078094	A1 4/2006 Breen et al.
9,154,417	B2	10/2015	Huttunen et al.	2006/0093135	A1 5/2006 Fialal et al.
9,179,005	B2	11/2015	Perreault et al.	2006/0095320	A1 5/2006 Jones
9,432,830	B2	8/2016	Lahtiranta et al.	2006/0109960	A1 5/2006 D'Evelyn et al.
9,537,762	B2	1/2017	Perreault et al.	2006/0111116	A1 5/2006 Palmer et al.
9,549,071	B2	1/2017	Björzell et al.	2006/0116892	A1 6/2006 Grimes et al.
9,565,307	B2	2/2017	Björzell et al.	2006/0142011	A1 6/2006 Kallio
9,813,330	B2	11/2017	Perreault et al.	2006/0146797	A1 7/2006 Lebizay
9,826,002	B2	11/2017	Perreault et al.	2006/0153342	A1 7/2006 Sasaki
9,935,872	B2	4/2018	Perreault et al.	2006/0160565	A1 7/2006 Singh et al.
9,948,549	B2	4/2018	Perreault et al.	2006/0177035	A1 8/2006 Cope et al.
9,998,363	B2	6/2018	Björzell et al.	2006/0189303	A1 8/2006 Rollender
10,021,729	B2	7/2018	Huttunen et al.	2006/0195398	A1 8/2006 Dheer et al.
10,038,779	B2	7/2018	Björzell et al.	2006/0195584	A1* 8/2006 Baumann H04M 3/54 709/227
2001/0027478	A1	10/2001	Meier et al.	2006/0205383	A1 9/2006 Rollender et al.
2001/0052081	A1	12/2001	McKibben et al.	2006/0209768	A1 9/2006 Yan et al.
2002/0002041	A1	1/2002	Lindgren et al.	2006/0233317	A1 10/2006 Coster et al.
2002/0018445	A1	2/2002	Kobayashi		
2002/0051518	A1	5/2002	Bondy et al.		
2002/0057764	A1	5/2002	Salvucci et al.		

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