U.S. PATENT DOCUMENTS

5,252,951	A	10/1993	Tannenbaum et al.	345/156
5,281,966	A	1/1994	Walsh	341/22
5,305,017	A	4/1994	Gerpheide	345/174
5,345,543	A	9/1994	Capps et al.	395/137
5,376,948	A	12/1994	Roberts	345/173
5,398,310	A	3/1995	Tchao et al.	395/144
5,442,742	A	8/1995	Greyson et al.	395/146
5,463,388	A	10/1995	Boie et al.	341/33
5,463,696	A	10/1995	Beernink et al.	382/186
5,483,261	A	1/1996	Yasutake	345/173
5,488,204	A	1/1996	Mead et al.	178/18
5,495,077	A	2/1996	Miller et al.	178/18
5,513,309	A	4/1996	Meier et al.	395/155
5,523,775	A	6/1996	Capps	345/179
5,530,455	A	6/1996	Gillick et al.	345/163
5,543,590	A	8/1996	Gillespie et al.	178/18
5,543,591	A	8/1996	Gillespie et al.	178/18
5,563,632	A	10/1996	Roberts	345/173
5,563,996	A	10/1996	Tchao	395/144
5,565,658	A	10/1996	Gerpheide et al.	178/19
5,579,036	A	11/1996	Yates, IV	345/173
5,581,681	A	12/1996	Tchao et al.	395/804
5,583,946	A	12/1996	Gourdol	382/187
5,589,856	A	12/1996	Stein et al.	
5,590,219	A	12/1996	Gourdol	382/202
5,592,566	A	1/1997	Pagallo et al.	382/187
5,594,810	A	1/1997	Gourdol	382/187
5,596,694	A	1/1997	Capps	395/152
5,612,719	A	3/1997	Beernink et al.	345/173
5,631,805	A	5/1997	Bonsall	361/681
5,633,955	A	5/1997	Bozinovic et al.	381/187
5,634,102	A	5/1997	Capps	395/334
5,636,101	A	6/1997	Bonsall et al.	361/681
5,642,108	A	6/1997	Gopher et al.	341/22
5,644,657	A	7/1997	Capps et al.	382/229
5,666,113	A	9/1997	Logan	341/34
5,666,502	A	9/1997	Capps	345/352
5,666,552	A	9/1997	Grayson et al.	395/802
5,675,361	A	10/1997	Santilli	345/168
5,677,710	A	10/1997	Thompson-Rohrlich	345/173
5,689,253	A	11/1997	Hargreaves et al.	341/22
5,710,844	A	1/1998	Capps et al.	382/317
5,729,250	A	3/1998	Bishop et al.	345/175
5,730,165	A	3/1998	Philipp	137/1
5,736,976	A	4/1998	Cheung	345/168
5,741,990	A	4/1998	Davies	84/423 R
5,745,116	A	4/1998	Pisutha-Arnond	345/358
5,745,716	A	4/1998	Tchao et al.	395/350
5,746,818	A	5/1998	Yatake	106/31.86
5,748,269	A	5/1998	Harris et al.	349/58
5,764,222	A	6/1998	Shieh	345/173
5,767,457	A	6/1998	Gerpheide et al.	178/18
5,767,842	A	6/1998	Korth	345/168
5,790,104	A	8/1998	Shieh	345/173
5,790,107	A	8/1998	Kasser et al.	345/174
5,802,516	A	9/1998	Shwarts et al.	707/6
5,808,567	A	9/1998	McCloud	341/20
5,809,267	A	9/1998	Moran et al.	395/358
5,821,690	A	10/1998	Martens et al.	313/506
5,821,930	A	10/1998	Hansen	345/340
5,823,782	A	10/1998	Marcus et al.	434/156
5,825,351	A	10/1998	Tam	
5,825,352	A	10/1998	Bisset et al.	345/173
5,854,625	A	12/1998	Frisch et al.	345/173
5,880,411	A	3/1999	Gillespie et al.	178/18.01
5,898,434	A	4/1999	Small et al.	345/348
5,920,309	A	7/1999	Bisset et al.	345/173
5,923,319	A	7/1999	Bishop et al.	345/175
5,933,134	A	8/1999	Shieh	345/173
5,942,733	A	8/1999	Allen et al.	
5,943,044	A	8/1999	Martinelli et al.	345/174
6,002,389	A	12/1999	Kasser	345/173
6,002,808	A	12/1999	Freeman	382/288
6,020,881	A	2/2000	Naughton et al.	345/327
6,031,524	A	2/2000	Kunert	345/173
6,037,882	A	3/2000	Levy	341/20
6,050,825	A	4/2000	Nichol et al.	434/227
6,052,339	A	4/2000	Frenkel et al.	368/230
6,061,177	A *	5/2000	Fujimoto	359/443
6,072,494	A	6/2000	Nguyen	345/358
6,084,576	A	7/2000	Leu et al.	345/168
6,107,997	A	8/2000	Ure	345/173
6,128,003	A	10/2000	Smith et al.	345/157
6,131,299	A	10/2000	Raab et al.	33/503
6,135,958	A	10/2000	Mikula-Curtis et al.	600/443
6,144,380	A	11/2000	Shwarts et al.	345/350
6,188,391	B1	2/2001	Seely et al.	
6,198,515	B1	3/2001	Cole	348/836
6,208,329	B1	3/2001	Ballare	345/173
6,222,465	B1	4/2001	Kumar et al.	341/20
6,239,790	B1	5/2001	Martinelli et al.	345/174
6,243,071	B1	6/2001	Shwarts et al.	345/146
6,246,862	B1	6/2001	Grivas et al.	455/90
6,249,606	B1	6/2001	Kiraly et al.	382/195
6,288,707	B1	9/2001	Philipp	345/168
6,289,326	B1	9/2001	LaFleur	705/702
6,292,178	B1	9/2001	Bernstein et al.	345/173
6,323,846	B1	11/2001	Westerman et al.	
6,337,678	B1	1/2002	Fish	
6,347,290	B1	2/2002	Bartlett	702/150
6,377,009	B1	4/2002	Philipp	318/468
6,380,931	B1	4/2002	Gillespie et al.	345/173
6,411,287	B1	6/2002	Scharff et al.	345/177
6,414,671	B1	7/2002	Gillespie et al.	345/157
6,421,234	B1	7/2002	Ricks et al.	361/683
6,452,514	B1	9/2002	Philipp	341/33
6,457,355	B1	10/2002	Philipp	73/304
6,466,036	B1	10/2002	Philipp	324/678
6,515,669	B1	2/2003	Mohri	345/474
6,525,749	B1	2/2003	Moran et al.	345/863
6,535,200	B2	3/2003	Philipp	345/168
6,543,684	B1	4/2003	White et al.	234/379
6,543,947	B2	4/2003	Lee	400/489
6,570,557	B1	5/2003	Westerman et al.	
6,593,916	B1	7/2003	Aroyan	
6,610,936	B2	8/2003	Gillespie et al.	178/18.01
6,624,833	B1	9/2003	Kumar et al.	345/863
6,639,577	B2	10/2003	Eberhard	345/102
6,650,319	B1	11/2003	Hurst et al.	
6,658,994	B1	12/2003	McMillan	99/468
6,670,894	B2	12/2003	Mehring	341/22
6,677,932	B1	1/2004	Westerman	
6,677,934	B1	1/2004	Blanchard	345/173
6,723,929	B2	4/2004	Kent	
6,724,366	B2	4/2004	Crawford	345/157
6,757,002	B1	6/2004	Oross et al.	345/864
6,803,906	B1	10/2004	Morrison et al.	345/173
6,842,672	B1	1/2005	Straub et al.	701/3
6,856,259	B1 *	2/2005	Sharp	341/5
6,888,536	B2 *	5/2005	Westerman et al.	345/173
6,900,795	B1	5/2005	Knight, III et al.	345/173
6,927,761	B2	8/2005	Badaye et al.	345/173
6,942,571	B1	9/2005	McAllister et al.	463/20
6,965,375	B1	11/2005	Gettemy et al.	345/173
6,972,401	B2	12/2005	Akitt et al.	250/221
6,977,666	B1	12/2005	Hedrick	345/690
6,985,801	B1	1/2006	Straub et al.	701/3
6,992,659	B2	1/2006	Gettemy	345/173
7,030,860	B1 *	4/2006	Hsu et al.	345/173
7,031,228	B2	4/2006	Born et al.	368/69
2002/0015024	A1 *	2/2002	Westerman et al.	345/173
2002/0118848	A1	8/2002	Karpenstein	381/119
2003/0006974	A1	1/2003	Clough et al.	345/179
2003/0076301	A1	4/2003	Tsuk et al.	345/159