

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Qualcomm Flarion Technologies, Inc.	04/19/2007

RECEIVING PARTY DATA

Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13937727

CORRESPONDENCE DATA

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CH \$40.00 13937727

ATTORNEY DOCKET NUMBER:	060607C1
NAME OF SUBMITTER:	Roxanne Ross
Signature:	/Roxanne Ross/
Date:	07/09/2013

Total Attachments: 11

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PATENT
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ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that **Qualcomm Flarion Technologies, Inc.**, a Delaware Corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714; has sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto **QUALCOMM Incorporated**, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to:

THE ATTACHED APPENDIX A

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **THE ATTACHED APPENDIX A**, and assigned Serial and Patent No's. on **THE ATTACHED APPENDIX A**, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that it has full right to do so, and agree that it will communicate to said corporation or its representatives all facts known to it respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

ASSIGNOR

Signed on behalf of Qualcomm Flarion Technologies, Inc., a Delaware Corporation
Done at San Diego, California this 19 day of April, 2007.



Sandip S. Minhas
Vice President
Qualcomm Flarion Technologies, Inc.

ASSIGNEE

Signed on behalf of QUALCOMM Incorporated, a Delaware Corporation
Done at San Diego, California this 19 day of April, 2007.



Sandip S. Minhas
Vice President, Division Patent Counsel
QUALCOMM Incorporated

Appendix A

Serial No.	Filed	Patent No.	Issue Date	Examiner
09/266,370	3/11/1999	6,711,120	3/11/1999	3/23/2004
09/266,371	3/11/1999		3/11/1999	
09/267,471	3/11/1999	6,473,418	3/11/1999	10/29/2002
09/472,074	12/23/1999	6,553,019	12/23/1999	4/22/2003
09/551,078	4/18/2000	6,961,364	4/18/2000	11/1/2005
09/551,791	4/18/2000	6,954,481	4/18/2000	10/11/2005
09/641,636	6/19/2000	6,980,540	6/19/2000	12/27/2006
09/689,273	10/12/2000	6,985,433	9/15/2000	1/10/2006
09/691,766	10/18/2000	6,694,147	9/15/2000	2/17/2004
09/805,887	3/15/2001		9/13/2000	
09/884,581	6/19/2001	7,027,429	6/19/2001	4/11/2006
09/931,469	8/16/2001		9/13/2000	
09/943,811	8/31/2001		5/15/2001	
09/975,331	10/10/2001	6,633,856	6/15/2001	10/14/2003
10/090,871	3/5/2002		3/9/2001	
10/094,596	3/8/2002	7,031,292	3/9/2001	4/18/2006
10/117,264	4/4/2002	6,938,196	6/15/2001	8/30/2005
10/152,655	5/21/2002		5/22/2001	
10/167,668	6/11/2002	6,970,445	6/14/2001	11/29/2005
10/172,357	6/14/2002		6/14/2001	
10/174,042	6/18/2002		6/21/2001	
10/174,144	6/18/2002		6/21/2001	
10/176,910	6/21/2002	7,061,994	6/21/2001	6/13/2006
10/180,627	6/26/2002	6,922,547	6/27/2001	7/26/2005
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10/218,148	8/13/2002	6,788,270	8/15/2001	9/7/2004
10/219,550	8/15/2002	7,099,681	8/16/2001	8/29/2006
10/266,244	10/8/2002		10/10/2001	
10/322,356	12/18/2002	6,954,442	6/11/2002	10/11/2005
10/322,363	12/18/2002		4/1/2002	
10/324,194	12/20/2002	6,788,963	8/8/2002	9/7/2004
10/356,146	1/31/2003		2/1/2002	
10/357,265	2/3/2003	6,785,256	2/4/2002	8/31/2004
10/358,109	2/4/2003	7,020,465	2/4/2002	3/28/2006
10/369,998	2/18/2003	6,862,446	1/31/2003	3/1/2005
10/373,457	2/25/2003		1/28/2003	
10/378,563	3/3/2003	6,961,595	8/8/2002	11/1/2005
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10/407,016	4/4/2003	6,804,191	4/5/2002	10/12/2004
10/408,726	4/7/2003		4/8/2002	
10/413,415	4/14/2003		4/15/2002	
10/413,888	4/14/2003		4/15/2002	
10/414,255	4/14/2003		4/15/2002	
10/425,151	4/29/2003		4/15/2003	
10/429,627	5/5/2003		5/6/2002	
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10/616,143	7/8/2003		7/8/2003	
10/618,325	7/11/2003	6,961,888	8/20/2002	11/1/2005
10/619,384	7/14/2003		7/15/2002	
10/626,057	7/24/2003	7,133,853	6/15/2001	11/7/2006
10/635,942	8/7/2003		2/26/2003	
10/636,482	8/7/2003		8/8/2002	
10/636,506	8/7/2003		8/8/2002	
10/636,516	8/7/2003		8/8/2002	
10/637,844	8/8/2003		4/2/2003	
10/640,718	8/13/2003		5/16/2003	
10/640,861	8/13/2003		8/26/2002	
10/640,960	8/13/2003	7,069,000	2/10/2003	6/27/2006
10/640,961	8/13/2003	7,016,690	2/10/2003	3/21/2006
10/640,973	8/13/2003		8/13/2003	
10/641,308	8/13/2003		8/13/2003	
10/641,335	8/13/2003	7,133,354	8/26/2002	11/7/2006
10/641,399	8/13/2003	6,985,498	8/26/2002	1/10/2006
10/642,096	8/14/2003		8/26/2002	
10/648,766	8/25/2003		2/24/2003	
10/648,767	8/25/2003		2/24/2003	
10/667,309	9/17/2003		9/18/2002	
10/678,467	10/3/2003		10/3/2003	
10/678,759	10/2/2003		10/3/2002	
10/684,166	10/15/2003		11/14/2002	
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10/702,000	11/5/2003		1/21/2003	
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10/763,944	1/23/2004		1/23/2003	
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10/872,674	6/21/2004	6,990,324	4/15/2004	1/24/2006
10/892,587	7/16/2004		12/22/2003	
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Patent No.	Priority Date	Issue Date	Examiner	Office Unit
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10/918,262	8/13/2004		8/13/2004	
10/918,283	8/13/2004		8/13/2004	
10/918,574	8/13/2004		8/13/2004	
10/926,541	8/26/2004		2/4/2002	
10/964,885	10/14/2004	7,039,370	10/16/2003	5/2/2006
10/964,905	10/14/2004		12/5/2003	
10/964,908	10/14/2004	6,993,333	10/16/2003	1/31/2006
10/964,945	10/14/2004	7,047,009	12/5/2003	5/16/2006
10/964,946	10/14/2004		4/15/2004	
10/964,965	10/14/2004	7,092,353	10/17/2003	8/15/2006
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11/004,366	12/3/2004		4/15/2004	
11/005,550	12/6/2004		8/8/2002	
11/082,405	3/17/2005		3/17/2005	
11/126,998	5/10/2005		6/27/2001	
11/137,877	5/26/2005		8/16/2001	
11/139,739	5/27/2005		9/15/2000	
11/153,767	6/14/2005		10/17/2003	
11/168,210	6/27/2005		4/18/2000	
11/174,790	7/5/2005		8/20/2002	
11/174,793	7/5/2005		8/8/2002	
11/174,865	7/5/2005		2/26/2003	
11/178,909	7/11/2005		4/18/2000	
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11/178,961	7/11/2005		4/1/2002	
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11/216,770	8/31/2005		7/20/2005	
11/216,973	8/31/2005		7/20/2005	
11/229,019	9/16/2005		7/20/2005	
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11/229,068	9/16/2005		7/8/2005	

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Patent No.	Serial Number	Issue Date	Priority Date	Examiner Name
11/229,348	9/16/2005		7/8/2005	
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11/229,847	9/19/2005		9/19/2005	
11/230,300	9/19/2005		7/20/2005	
11/230,303	9/19/2005		3/8/2005	
11/230,305	9/19/2005		3/8/2005	
11/230,331	9/19/2005		3/8/2005	
11/247,395	10/11/2005		1/31/2003	
11/247,963	10/11/2005		10/14/2004	
11/247,995	10/11/2005		10/14/2004	
11/249,013	10/12/2005		10/12/2005	
11/249,014	10/12/2005		10/12/2005	
11/249,015	10/12/2005		10/14/2004	
11/249,770	10/13/2005		3/9/2005	
11/249,775	10/13/2005		3/9/2005	
11/250,169	10/13/2005		3/9/2005	
11/251,069	10/14/2005		10/14/2004	
11/251,103	10/14/2005		10/14/2004	
11/258,553	10/25/2005		4/15/2004	
11/366,643	11/3/2005		10/16/2003	
11/267,050	11/4/2005		10/13/2005	
11/383,676	11/18/2005		12/5/2003	
11/284,285	11/21/2005		10/16/2003	
11/288,597	11/29/2005		9/19/2005	
11/302,729	12/14/2005		10/14/2004	
11/314,721	12/21/2005		12/21/2005	
11/316,353	12/22/2005		9/16/2005	
11/316,376	12/22/2005		12/22/2005	
11/316,601	12/22/2005		12/22/2005	
11/316,602	12/22/2005		12/22/2005	
11/316,603	12/23/2005		12/20/2005	
11/322,537	12/30/2005		3/9/2001	
11/322,538	12/30/2005		6/19/2001	
11/323,008	12/30/2005		12/18/2002	
11/323,712	12/30/2005		2/4/2002	
11/327,791	1/6/2006		2/10/2003	
11/333,759	1/17/2006		1/17/2006	
11/333,771	1/17/2006		12/22/2005	
11/333,788	1/17/2006		12/22/2005	
11/333,790	1/17/2006		12/22/2005	
11/333,792	1/17/2006		12/22/2005	
11/333,813	1/17/2006		12/22/2005	
11/333,814	1/17/2006		12/22/2005	
11/355,539	2/15/2006		2/15/2006	
11/369,899	3/7/2006		3/8/2005	
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Patent No.	Priority Date	Filing Date	Issue Date	Examiner
11/370,222	3/7/2006		3/8/2005	
11/386,457	3/22/2006		3/23/2005	
11/455,014	6/16/2006		6/15/2001	
11/471,062	6/19/2006		2/10/2003	
11/477,139	6/27/2006		6/27/2005	
11/477,149	6/27/2006		6/27/2005	
11/537,540	9/29/2006		4/14/2006	
11/549,604	10/13/2006		10/14/2005	
11/549,611	10/13/2006		10/14/2005	
11/549,617	10/13/2006		10/14/2005	
11/581,212	10/13/2006		12/22/2005	
11/581,214	10/13/2006		10/13/2006	
11/581,217	10/13/2006		10/13/2006	
11/581,218	10/13/2006		12/22/2005	
11/582,190	10/17/2006		8/2/2004	
11/599,739	11/15/2006		3/10/2003	
11/599,837	11/15/2006		4/23/2003	
11/608,781	12/8/2006		12/22/2005	
11/608,783	12/8/2006		12/22/2005	
11/608,785	12/8/2006		12/22/2005	
11/609,627	12/12/2006		12/23/2005	
11/610,060	12/13/2006		12/22/2005	
11/610,189	12/13/2006		12/22/2005	
11/611,831	12/15/2006		4/14/2006	
11/611,881	12/17/2006		12/17/2006	
11/611,882	12/17/2006		12/17/2006	
11/621,091	1/8/2007		9/15/2000	
11/621,955	1/10/2007		1/11/2006	
11/621,957	1/10/2007		1/11/2006	
11/621,966	1/10/2007		1/11/2006	
11/621,967	1/10/2007		1/11/2006	
11/621,972	1/10/2007		1/11/2006	
11/621,973	1/10/2007		1/11/2006	
11/621,975	1/10/2007		1/11/2006	
11/621,978	1/10/2007		1/11/2006	
11/621,983	1/10/2007		1/11/2006	
11/621,984	1/10/2007		1/11/2006	
11/621,985	1/10/2007		1/11/2006	
11/621,986	1/10/2007		1/11/2006	
11/621,987	1/10/2007		1/11/2006	
11/621,988	1/10/2007		1/11/2006	
11/621,989	1/10/2007		1/11/2006	
11/621,990	1/10/2007		1/11/2006	
11/621,991	1/10/2007		1/11/2006	
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Application No.	Filing Date	Issue Date	Priority Date	Examiner
11/652,207	1/10/2007		1/11/2006	
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11/652,248	1/10/2007		1/11/2006	
11/674,146	2/13/2007		3/9/2001	
11/674,147	2/13/2007		2/26/2003	
11/681,522	3/2/2007		12/5/2003	
11/683,399	3/7/2007		6/21/2001	
11/695,830	4/3/2007		10/4/2006	
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60/274,856	3/9/2001			
60/274,897	3/9/2001			
60/291,071	5/15/2001			
60/292,328	5/22/2001			
60/298,282	6/14/2001			
60/298,283	6/14/2001			
60/298,480	6/15/2001			
60/299,833	6/21/2001			
60/299,834	6/21/2001			
60/299,859	6/21/2001			
60/301,068	6/26/2001			
60/301,069	6/26/2001			
60/301,122	6/27/2001			
60/301,168	6/27/2001			
60/301,169	6/27/2001			
60/301,239	6/27/2001			
60/305,297	7/13/2001			
60/309,010	7/31/2001			
60/312,126	8/14/2001			
60/312,427	8/15/2001			
60/313,035	8/16/2001			
60/328,468	10/10/2001			
60/328,469	10/10/2001			
60/353,547	2/1/2002			
60/354,195	2/4/2002			
60/369,016	4/1/2002			
60/369,399	4/2/2002			
60/370,524	4/5/2002			
60/370,525	4/5/2002			
60/370,836	4/8/2002			
60/371,788	4/11/2002			
60/372,300	4/12/2002			
60/372,655	4/15/2002			
60/377,450	5/2/2002			
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Application No.	Filing Date	Examiner Name	Serial No.	Date	Class
60/401,920	8/8/2002				
60/404,810	8/20/2002				
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60/411,722	9/18/2002				
60/415,787	10/3/2002				
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60/426,332	11/14/2002				
60/434,305	12/18/2002				
60/434,307	12/18/2002				
60/440,276	1/15/2003				
60/441,577	1/21/2003				
60/442,008	1/23/2003				
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60/444,299	1/31/2003				
60/446,327	2/10/2003				
60/448,528	2/19/2003				
60/448,667	2/19/2003				
60/449,546	2/24/2003				
60/449,729	2/24/2003				
60/450,174	2/26/2003				
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60/451,555	3/3/2003				
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60/464,823	4/23/2003				
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60/471,000	5/16/2003				
60/509,741	10/8/2003				
60/511,964	10/16/2003				
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60/512,468	10/17/2003				
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60/531,808	12/22/2003				
60/542,467	2/6/2004				
60/562,900	4/15/2004				
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60/601,935	8/16/2004				
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60/618,616	10/14/2004				
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60/618,773	10/14/2004				
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Application No.	Filing Date	Publication Date	Issue Date	Priority Date
60/659,539	3/8/2005			
60/664,501	3/23/2005			
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60/689,911	6/13/2005			
60/694,548	6/27/2005			
60/694,549	6/27/2005			
60/694,631	6/27/2005			
60/694,798	6/27/2005			
60/696,847	7/6/2005			
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Appendix A

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