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PATENTS ONLY

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (List using letters or numbers for multiple parties) IDC, LLC Additional name(s) of conveying party(ies) attached? () Yes (X) No	2. Name and address of receiving party(ies): Name: QUALCOMM MEMS Technologies, Inc. Internal Address: Street Address: 5775 Morehouse Drive City: San Diego State: CA ZIP: 92121 Additional name(s) of receiving party(ies) attached? () Yes (X) No
3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) September 25, 2009	4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 12/815,136 Filing Date: June 14, 2010 Additional numbers attached? () Yes (X) No
5. Party to whom correspondence concerning document should be mailed: Customer No. 59,747 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: IRDM.31CPDCC5DC	6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account	8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document. <u>Lavanya G. Rau</u> Name of Person Signing <u>Lavanya Rau</u> Signature <u>02-11-2011</u> Date 65,504 Registration No. Total number of pages including cover sheet, attachments and document: 68	

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 Alexandria, VA 22313-1450
Facsimile Number: (571) 273-0140

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PATENT
REEL: 025780 FRAME: 0595

CH \$40.00 111410 12815136

ASSIGNMENT

WHEREAS, IDC, LLC, a Delaware limited liability company having offices at 3055 Badger Drive, Pleasanton, CA 94566 U.S.A. (hereinafter "ASSIGNOR"), represents that it is the sole owner of the entire right, title, and interest to certain new and useful improvements for which ASSIGNOR has obtained issued Letters Patents and/or has filed applications for Letters Patents (hereinafter "the Patents and Patent Applications") identified in the following exhibits attached hereto, which respectively list patents and patent applications in:

United States of America	Exhibit A (in 12 pages)
Brazil	Exhibit B (in 3 pages)
Canada	Exhibit C (in 3 pages)
People's Republic of China (PRC) including Hong Kong	Exhibit D (in 6 pages)
European Patent Office	Exhibit E (in 4 pages)
India	Exhibit F (in 3 pages)
Japan	Exhibit G (in 4 pages)
South Korea	Exhibit H (in 3 pages)
Malaysia	Exhibit I (in 3 pages)
Mexico	Exhibit J (in 3 pages)
Russia	Exhibit K (in 3 pages)
Singapore	Exhibit L (in 3 pages)
Taiwan (ROC)	Exhibit M (in 4 pages)
Vietnam	Exhibit N (in 3 pages)
Australia	Exhibit O (in 3 pages)
Israel	Exhibit P (in 3 pages)
International Applications	Exhibit Q (in 1 page)

WHEREAS, QUALCOMM MEMS Technologies, Inc. (formerly named Iridigm Display Corporation), a Delaware corporation having offices at 5775 Morehouse Drive, San Diego, California 92121 U.S.A. (hereinafter "ASSIGNEE") desires to acquire the entire right, title, and interest in and to said improvements and said Patents and Patent Applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the said improvements, the said Patents and Patent Applications, all Patents that may be granted thereon, all provisional applications relating thereto, and all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may have been or hereafter be filed (whether or not such applications are particularly listed in said exhibits) for said improvements or for the said Patents and Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for said improvements and all Letters Patents resulting from the Patents and Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

Page 2 of 3

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the Letters Patents before or after issuance;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents and Patent Applications immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patents and Patent Applications, will sign all lawful papers, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and/or declarations, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents and Patent Applications in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 20__.

IDC, LLC

By: *Vivek Mehra*

Name Printed: VIVEK MEHRA

Title: MANAGER

Date: SEPTEMBER 25, 2009

STATE OF California

COUNTY OF San Diego

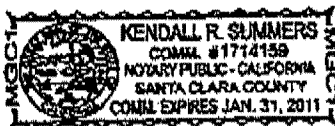
On September 25, 2009, before me, KENDALL R. SUMMERS, notary public, personally appeared who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that executed the same in authorized capacity(ies), and that by signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

Kendall R. Summers
Notary Signature



2009 IN TESTIMONY WHEREOF, acknowledged hereunto this 25th day of SEPTEMBER,

QUALCOMM MEMS Technologies, Inc.

By: 

Name Printed: JOHN BATES

Title: PRESIDENT

Date: 9/25/09

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EXHIBIT A
US Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
Assignment Executed September 25, 2009

Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.001A	10/794737	3/3/2004	10/10/2006	7119945
IRDM.002A	10/772120	2/3/2004	5/12/2009	7532194
IRDM.003A	10/794825	3/5/2004		
IRDM.003C1	11/417808	5/3/2006		
IRDM.004A	10/700641	11/3/2003	3/14/2006	7012726
IRDM.005A	10/839307	5/4/2004	6/13/2006	7060895
IRDM.005C1	11/436345	5/18/2006	1/9/2007	7161094
IRDM.006A	10/883902	7/2/2004	8/14/2007	7256922
IRDM.006DV1	11/837140	8/10/2007		
IRDM.007A	10/839329	5/4/2004	1/13/2009	7476327
IRDM.007C1	12/271793	11/14/2008		
IRDM.008A	10/844819	5/12/2004	1/16/2007	7164520
IRDM.008C1	11/653088	1/12/2007	10/28/2008	7443563
IRDM.008C2	12/019590	1/24/2008		
IRDM.009A	11/062143	2/18/2005		
IRDM.009PR	60/613418	9/27/2004		
IRDM.010A	11/036965	1/14/2005	3/11/2008	7342705
IRDM.010C1	12/034499	2/20/2008		
IRDM.010DV1	12/014657	1/15/2008		
IRDM.010PR	60/541607	2/3/2004		
IRDM.011A	11/045588	1/28/2005		
IRDM.011PR	60/613417	9/27/2004		
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IRDM.012PR	60/613482	9/27/2004		
IRDM.013PR	60/613405	9/27/2004		
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IRDM.015A	11/090775	3/25/2005	11/27/2007	7299681
IRDM.015C1	11/945196	11/26/2007		
IRDM.015PR	60/613385	9/27/2004		
IRDM.016A	11/036966	1/14/2005		
IRDM.016PR	60/550687	3/6/2004		
IRDM.017A1	10/909228	7/29/2004		
IRDM.017CP1	11/189690	7/26/2005	7/28/2009	7567373
IRDM.017CP1D1	12/241600	9/30/2008		
IRDM.017PR2	60/613466	9/27/2004		
IRDM.017PR3	60/658867	3/4/2005		
IRDM.018A	11/097819	4/1/2005		
IRDM.018PR	60/613412	9/27/2004		
IRDM.019A	11/040822	1/21/2005		
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EXHIBIT A
US Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.020A	11/045800	1/28/2005	2/27/2007	7184202
IRDM.020DV1	11/679134	2/26/2007	4/14/2009	7518775
IRDM.020DV1C1	12/423531	4/14/2009		
IRDM.020PR	60/613275	9/27/2004		
IRDM.021A	11/187784	7/22/2005		
IRDM.021PR	60/613264	9/27/2004		
IRDM.022A2	11/159073	2/25/2005	7/14/2009	7560299
IRDM.022A2DV1	12/501338	7/10/2009		
IRDM.022PR1	60/604896	8/27/2004		
IRDM.022PR2	60/606223	8/31/2004		
IRDM.023A1	11/182389	7/15/2005	3/3/2009	7499208
IRDM.023A1DV1	12/396395	3/2/2009		
IRDM.023A2	11/054703	2/8/2005	4/7/2009	7515147
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IRDM.023PR	60/604893	8/27/2004		
IRDM.024A	06/855116	4/23/1986		
IRDM.024C1	07/166774	3/4/1988		
IRDM.024C2	07/296896	1/12/1989		
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IRDM.024C4	07/794819	11/18/1991		
IRDM.024C5	08/032711	3/17/1993		
IRDM.024CP	08/238750	5/5/1994	11/10/1998	5835255
IRDM.025C	08/744253	11/5/1996	11/16/1999	5986796
IRDM.025CC	09/378143	8/20/1999		
IRDM.025CCD	10/082397	2/25/2002	10/24/2006	7126738
IRDM.025CCDC1	11/585791	10/23/2006	6/10/2008	7385748
IRDM.026A	11/027693	12/30/2004		
IRDM.026A2	11/045865	1/28/2005	6/23/2009	7551159
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IRDM.027CPD	08/688710	7/31/1996	3/21/2000	6040937
IRDM.027CPDC	09/238340	1/27/1999	4/25/2000	6055090
IRDM.028A	11/103378	4/11/2005	1/22/2008	7321456
IRDM.028C1	12/018038	1/22/2008	4/7/2009	7515327
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IRDM.029CPC	09/991378	11/21/2001		
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IRDM.029PCPCDP	10/644312	8/19/2003	12/2/2008	7460291

EXHIBIT A
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IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.029CPCDCPC	12/325964	12/1/2008		
IRDM.029CPCDD	10/844802	5/12/2004	10/9/2007	7280265
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IRDM.029CPD	09/974544	10/10/2001	1/20/2004	6680792
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IRDM.030PR	60/613542	9/27/2004		
IRDM.031CP	09/056975	4/8/1998	1/6/2004	6674562
IRDM.031CPCP	10/076224	2/13/2002	3/23/2004	6710908
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IRDM.031CPDC	11/056571	2/11/2005	5/27/2008	7379227
IRDM.031CPDC2	11/070497	3/1/2005	3/14/2006	7012732
IRDM.031CPDCC10	11/754229	5/25/2007	5/12/2009	7532381
IRDM.031CPDD	10/752140	1/5/2004		
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IRDM.032DV1	11/589582	10/30/2006	6/10/2008	7385762
IRDM.032DV1C1	12/014675	1/15/2008		
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IRDM.032PR	60/613558	9/27/2004		
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IRDM.033C1	12/050094	3/17/2008		
IRDM.033PR	60/613501	9/27/2004		
IRDM.034A	11/119432	4/29/2005	9/2/2008	7420725
IRDM.034DV1	11/925692	10/26/2007	6/2/2009	7542198
IRDM.034DV1C1	12/426168	4/17/2009		
IRDM.034PR	60/613480	9/27/2004		
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IRDM.035C1	11/875613	10/19/2007		
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IRDM.036C1	11/958316	12/17/2007	8/18/2009	7576901
IRDM.036C1C1	12/499004	7/7/2009		
IRDM.036PR	60/613382	9/27/2004		
IRDM.037A	10/074562	2/12/2002	9/21/2004	6794119
IRDM.037C1	10/941042	9/14/2004	7/31/2007	7250315
IRDM.037C1C1	11/830750	7/30/2007		
IRDM.038A	11/051251	2/4/2005	11/28/2006	7142346
IRDM.038DV1	11/586180	10/25/2006	7/10/2007	7242512
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
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IRDM.038PR	60/613458	9/27/2004		
IRDM.039A	11/134490	5/20/2005	5/5/2009	7527995
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IRDM.040A	11/205268	8/15/2005	11/14/2006	7136213
IRDM.040C1	11/586800	10/26/2006		
IRDM.040PR	60/613420	9/27/2004		
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IRDM.042A	11/149920	6/10/2005	6/30/2009	7554714
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IRDM.043A	11/144546	6/3/2005		
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IRDM.047PR	60/613536	9/27/2004		
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IRDM.048PR	60/613486	9/27/2004		
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IRDM.049PR	60/613471	9/27/2004		
IRDM.050A	11/213659	8/26/2005		
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IRDM.051A	11/045738	1/28/2005	9/9/2008	7424198
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
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IRDM.054A	11/102543	4/8/2005		
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IRDM.055A	11/108026	4/15/2005	8/11/2009	7573547
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IRDM.056CP	09/413222	10/5/1999	10/17/2006	7123216
IRDM.056CPC1	11/390996	3/28/2006	1/27/2009	7483197
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IRDM.056CPC2	11/438913	5/23/2006	5/13/2008	7372619
IRDM.056CPC2C1	11/564800	11/29/2006	4/8/2008	7355782
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IRDM.056CPC5	11/445926	6/1/2006	3/6/2007	7187489
IRDM.056CPC5C1	11/584425	10/20/2006		
IRDM.056CPC7	11/492533	7/24/2006		
IRDM.056CPC7C	12/336357	12/16/2008		
IRDM.056PCP	11/140561	5/26/2005		
IRDM.056CPD1	10/012092	11/13/2001	11/18/2003	6650455
IRDM.056CPD2	10/224029	8/19/2002	9/19/2006	7110158
IRDM.057A	11/090774	3/25/2005	7/29/2008	7405924
IRDM.057A2	11/090481	3/25/2005	5/6/2008	7368803
IRDM.057C1	12/181283	7/28/2008		
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IRDM.058A	11/134028	5/20/2005	11/4/2008	7446926
IRDM.058PR	60/613564	9/27/2004		
IRDM.059A1	11/090552	3/25/2005	9/2/2008	7420728
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IRDM.059PR	60/613401	9/27/2004		
IRDM.060A	11/073295	3/4/2005	4/15/2008	7359066
IRDM.060DV1	12/031602	2/14/2008		
IRDM.060PR	60/613537	9/27/2004		
IRDM.061A	11/213644	8/19/2005		
IRDM.061DV1	12/265689	11/5/2008		
IRDM.061PR	60/613481	9/27/2004		
IRDM.062A	11/155939	6/17/2005		
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EXHIBIT A
US Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.063A1	11/218887	9/2/2005		
IRDM.063A2	11/228118	9/16/2005	6/9/2009	7545550
IRDM.063A2DV1	12/467130	5/15/2009		
IRDM.063PR	60/613319	9/27/2004		
IRDM.064A	11/048662	1/27/2005		
IRDM.064A2	11/208052	8/19/2005	2/5/2008	7327510
IRDM.064A2C1	11/961744	12/20/2007	5/12/2009	7532386
IRDM.064A3	11/203613	8/12/2005		
IRDM.064PR	60/613499	9/27/2004		
IRDM.065A1	11/118110	4/29/2005		
IRDM.065A2	11/118605	4/29/2005		
IRDM.065PR	60/613491	9/27/2004		
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IRDM.066A	11/156335	6/17/2005	3/24/2009	7508571
IRDM.066DV1	12/339614	12/19/2008		
IRDM.066PR	60/613535	9/27/2004		
IRDM.067A	11/064143	2/22/2005		
IRDM.067PR	60/613951	9/27/2004		
IRDM.068A	11/140560	5/27/2005		
IRDM.068CP1	11/698521	1/25/2007		
IRDM.068PR	60/613298	9/27/2004		
IRDM.069A	11/096545	4/1/2005	11/27/2007	7302157
IRDM.069C1	11/861222	9/25/2007	2/17/2009	7492503
IRDM.069C1C1	12/343111	12/23/2008		
IRDM.069PR	60/613539	9/27/2004		
IRDM.070A	11/066724	2/24/2005	12/2/2008	7460246
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IRDM.070PR	60/613624	9/27/2004		
IRDM.071A	11/078025	3/11/2005		
IRDM.071PR	60/613487	9/27/2004		
IRDM.072PR	60/613419	9/27/2004		
IRDM.073A	11/155379	6/17/2005	6/30/2009	7553684
IRDM.073DV1	12/494032	6/29/2009		
IRDM.073PR	60/613496	9/27/2004		
IRDM.074A	11/107518	4/15/2005	6/23/2009	7551246
IRDM.074PR	60/613300	9/27/2004		
IRDM.075A	11/140498	5/27/2005		
IRDM.075PR	60/613280	9/27/2004		
IRDM.076PR	60/613956	9/27/2004		
IRDM.077PR	60/613484	9/27/2004		

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IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.078A	11/119433	4/29/2005		
IRDM.078PR	60/613852	9/27/2004		
IRDM.079PR	60/613467	9/27/2004		
IRDM.080A	11/134838	5/20/2005		
IRDM.080PR	60/613527	9/27/2004		
IRDM.081A	11/144305	6/3/2005		
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IRDM.082C1	12/021196	1/28/2008		
IRDM.082DV1	12/021218	1/28/2008	8/4/2009	7570865
IRDM.082PR	60/613567	9/27/2004		
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IRDM.083C1	11/842916	8/21/2007		
IRDM.083DV1	11/779185	7/17/2007		
IRDM.083PR	60/613569	9/27/2004		
IRDM.084PR	60/613320	9/27/2004		
IRDM.085PR	60/613406	9/27/2004		
IRDM.086A	11/139108	5/27/2005	3/25/2008	7349136
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IRDM.087A	11/183049	7/15/2005	6/23/2009	7550912
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IRDM.088PR	60/613377	9/27/2004		
IRDM.089A	11/187129	7/21/2005	12/4/2007	7304784
IRDM.089C1	11/937437	11/8/2007		
IRDM.089PR	60/613323	9/27/2004		
IRDM.090A	11/192438	7/28/2005		
IRDM.090PR	60/613593	9/27/2004		
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IRDM.091PR	60/613452	9/27/2004		
IRDM.092A	11/134837	5/20/2005		
IRDM.092PR	60/613853	9/27/2004		
IRDM.093A	11/174220	7/1/2005	5/13/2008	7373026
IRDM.093C1	12/104309	4/16/2008		
IRDM.093DV1	12/104280	4/16/2008		
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IRDM.094A	11/090491	3/25/2005		
IRDM.094PR	60/613977	9/27/2004		
IRDM.095A	11/198127	8/5/2005	2/17/2009	7492502
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IRDM.097PR	60/613566	9/27/2004		
IRDM.098A	11/083030	3/17/2005		
IRDM.098DV1	12/467942	5/18/2009		
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IRDM.102A	11/208809	8/22/2005		
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IRDM.103A	11/209143	8/22/2005		
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IRDM.104PR	60/613538	9/27/2004		
IRDM.105A	11/188130	7/22/2005	1/9/2007	7161730
IRDM.105PR	60/613610	9/27/2004		
IRDM.106A	11/119651	5/2/2005	7/29/2008	7405861
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IRDM.106PR	60/613492	9/27/2004		
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IRDM.107C1	12/499003	7/7/2009		
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IRDM.111DV2	12/463900	5/11/2009		
IRDM.111PR	60/613404	9/27/2004		
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IRDM.114PR	60/613409	9/27/2004		
IRDM.115A	11/083841	3/18/2005		
IRDM.115PR	60/613375	9/27/2004		
IRDM.116A	11/188197	7/22/2005	4/28/2009	7525730
IRDM.116C1	12/427670	4/21/2009		
IRDM.116PR	60/613504	9/27/2004		
IRDM.117A	11/134007	5/20/2005		
IRDM.117PR	60/613379	9/27/2004		
IRDM.118A	11/197885	8/5/2005	5/6/2008	7369296
IRDM.118DV1	12/027862	2/7/2008		
IRDM.118PR	60/613451	9/27/2004		
IRDM.119A	11/235686	9/26/2005	2/3/2009	7486429
IRDM.119C1	12/365121	2/3/2009		
IRDM.119PR	60/613891	9/27/2004		
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IRDM.124RA	11/144210	6/2/2005		
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IRDM.126DV1	12/489250	6/22/2009		
IRDM.127A	10/414594	4/15/2003	11/20/2007	7297471
IRDM.127C1	11/939746	11/14/2007	7/7/2009	7556917
IRDM.127DV1	11/832471	8/1/2007		
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IRDM.129A	10/731989	12/9/2003	1/9/2007	7161728
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IRDM.129DV1	11/649439	1/3/2007	2/10/2009	7489428
IRDM.129DV1C1	12/367422	2/6/2009		
IRDM.145A	11/118612	4/29/2005		
IRDM.145C1	11/511908	8/28/2006		
IRDM.145PR	60/646053	1/21/2005		
IRDM.146A	11/097511	4/1/2005	10/30/2007	7289256
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IRDM.148A	11/223824	9/9/2005	11/18/2008	7453579
IRDM.150A	11/217580	9/1/2005	8/19/2008	7415186
IRDM.150C1	12/192817	8/15/2008		
IRDM.152A	11/198888	8/5/2005		
IRDM.152DV1	11/281763	11/17/2005		
IRDM.152DV2	11/281758	11/17/2005	5/6/2008	7369252
IRDM.152DV3	11/281136	11/17/2005	8/21/2007	7259865
IRDM.152DV3D1	11/841633	8/20/2007		
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IRDM.152DV4	11/281176	11/17/2005	7/22/2008	7403323
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IRDM.166A	11/178211	7/8/2005		
IRDM.167A1	11/208085	8/19/2005		
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IRDM.186C1	12/115472	5/5/2008		
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IRDM.190C1	12/477802	6/3/2009		
IRDM.193A	11/234826	9/23/2005	11/4/2008	7446927
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IRDM.203A	11/261236	10/28/2005		
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IRDM.31CPDCC10D	12/368136	2/9/2009		
IRDM.31CPDCC11	11/433294	5/12/2006		
IRDM.31CPDCC12	11/399681	4/6/2006	5/12/2009	7532377
IRDM.31CPDCC13	11/668973	1/30/2007		
IRDM.31CPDCC15	11/517721	9/8/2006	11/27/2007	7301704
IRDM.31CPDCC16	11/580967	10/13/2006		
IRDM.31CPDCC17	11/591928	11/2/2006	3/31/2009	7511875
IRDM.31CPDCC17C	12/363671	1/30/2009		
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IRDM.31CPDCC2	11/267819	11/4/2005		
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IRDM.31CPDCC27	11/841820	8/20/2007		
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IRDM.31CPDCC3	11/267929	11/4/2005		
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IRDM.31CPDCC36	11/841948	8/20/2007		
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IRDM.31CPDCC6	11/347013	2/3/2006		
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IRDM.009VBR	PI0503874-0	9/26/2005
IRDM.010VBR	PI0507357-0	2/2/2005
IRDM.011VBR	PI0503903-7	9/27/2005
IRDM.012VBR	PI0503889-8	9/27/2005
IRDM.015VBR	PI0503886-3	9/27/2005
IRDM.018VBR	PI0503906-1	9/27/2005
IRDM.019VBR	PI0503832-4	9/23/2005
IRDM.020VBR	PI0503869-3	9/26/2005
IRDM.021VBR	PI0516013-8	8/26/2005
IRDM.022VBR2	PI0514646-1	8/23/2005
IRDM.023VBR1	PI0514647-0	8/16/2005
IRDM.023VBR2	PI0503563-5	8/26/2005
IRDM.026VBR2	PI0503564-3	8/26/2005
IRDM.028VBR	PI0503870-7	9/26/2005
IRDM.029HBR	PI0413664-0	8/12/2004
IRDM.030VBR	PI0503865-0	9/26/2005
IRDM.033VBR	PI0503935-5	9/23/2005
IRDM.034VBR	PI0503895-2	9/27/2005
IRDM.035VBR	PI0503899-5	9/27/2005
IRDM.038VBR	PI0504667-0	8/26/2005
IRDM.039VBR	PI0503941-0	9/23/2005
IRDM.041VBR	PI0503946-0	9/27/2005
IRDM.042VBR	PI0503942-8	9/26/2005
IRDM.044VBR	PI0503896-0	9/27/2005
IRDM.045VBR	PI0503907-0	9/27/2005
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IRDM.057VBR2	PI0503938-0	9/23/2005
IRDM.058VBR	PI0503872-3	9/26/2005
IRDM.059VBR1	PI0503888-0	9/27/2005
IRDM.059VBR2	PI0503945-2	9/27/2005

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IRDM.062VBR	PI0516050-2	9/8/2005
IRDM.063VBR1	PI0515312-3	9/23/2005
IRDM.064VBR2	PI0515291-7	8/31/2005
IRDM.065VBR1	PI0503901-0	9/27/2005
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IRDM.067VBR	PI0503894-4	9/27/2005
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IRDM.069VBR	PI0504132-5	9/27/2005
IRDM.070VBR	PI0503887-1	9/27/2005
IRDM.071VBR	PI0503852-9	9/23/2005
IRDM.074VBR	PI0503936-3	9/23/2005
IRDM.075VBR	PI0503902-9	9/27/2005
IRDM.078VBR	PI0503831-6	9/23/2005
IRDM.080VBR	PI0503900-2	9/27/2005
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IRDM.083VBR	PI0503940-1	9/23/2005
IRDM.086VBR	PI0503867-7	9/26/2005
IRDM.089VBR	PI0515363-8	8/22/2005
IRDM.092VBR	PI0504131-7	9/27/2005
IRDM.093VBR	PI0515290-9	8/22/2005
IRDM.094VBR	PI0503855-3	9/23/2005
IRDM.096VBR	PI0503833-2	9/23/2005
IRDM.097VBR	PI0503911-8	9/27/2005
IRDM.098VBR	PI0503893-6	9/27/2005
IRDM.101VBR	PI0503866-9	9/26/2005
IRDM.105VBR	PI0515326-3	9/1/2005
IRDM.106VBR	PI0503947-9	9/27/2005
IRDM.107VBR	PI0504133-3	9/27/2005
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IRDM.110VBR	PI0503892-8	9/27/2005
IRDM.111VBR	PI0503944-4	9/26/2005
IRDM.112VBR	PI0503898-7	9/27/2005
IRDM.114QBR	PI0503905-3	9/27/2005
IRDM.115VBR	PI0503860-0	9/23/2005
IRDM.116VBR	PI0515901-6	8/26/2005
IRDM.117VBR	PI0503854-5	9/23/2005
IRDM.119VBR	PI0509575-1	9/26/2005
IRDM.125VBR	PI0312490-8	6/27/2003
IRDM.126QBR	PI0516020-0	8/30/2005

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IRDM.146VBR	PI0503871-5	9/26/2005
IRDM.166VBR	PI0515883-4	9/14/2005
IRDM.169VBR	PI0515509-6	8/31/2005
IRDM.187VBR	PI0515903-2	8/25/2005

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IRDM.008VCA	2564037	4/20/2005
IRDM.009VCA	2517325	8/26/2005
IRDM.010VCA	2554980	2/2/2005
IRDM.011VCA	2514350	7/29/2005
IRDM.012VCA	2514489	8/2/2005
IRDM.015VCA	2512922	7/22/2005
IRDM.017QCA	2575314	7/25/2005
IRDM.018VCA	2514701	8/3/2005
IRDM.019VCA	2516915	8/23/2005
IRDM.020VCA	2513030	7/22/2005
IRDM.021VCA	2576177	8/26/2005
IRDM.022VCA2	2578029	8/23/2005
IRDM.023VCA2	2514625	8/4/2005
IRDM.026VCA2	2516625	8/22/2005
IRDM.028VCA	2517404	8/29/2005
IRDM.029HCA	2536145	8/12/2004
IRDM.030VCA	2516578	8/22/2005
IRDM.033VCA	2517038	8/25/2005
IRDM.034VCA	2519983	9/16/2005
IRDM.035VCA	2517048	8/25/2005
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IRDM.042VCA	2518337	9/2/2005
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IRDM.045VCA	2519485	9/13/2005
IRDM.046VCA	2519660	9/15/2005
IRDM.047VCA	2514346	7/29/2005
IRDM.048VCA	2518784	9/12/2005
IRDM.049VCA	2517089	8/25/2005
IRDM.050VCA	2580992	9/14/2005
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IRDM.052VCA	2519656	9/15/2005
IRDM.053VCA	2518805	9/12/2005
IRDM.054VCA	2520950	9/23/2005
IRDM.055VCA	2520358	9/21/2005
IRDM.057VCA1	2516638	8/22/2005
IRDM.057VCA2	2518901	9/13/2005

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IRDM.059VCA1	2520374	9/21/2005
IRDM.059VCA2	2520623	9/21/2005
IRDM.060VCA	2514344	7/29/2005
IRDM.065VCA1	2520461	9/22/2005
IRDM.065VCA2	2519043	9/13/2005
IRDM.067VCA	2520354	9/21/2005
IRDM.068VCA	2520325	9/21/2005
IRDM.069VCA	2520388	9/20/2005
IRDM.070VCA	2514347	7/29/2005
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IRDM.083VCA	2516576	8/22/2005
IRDM.086VCA	2517328	8/26/2005
IRDM.087VCA	2573492	8/24/2005
IRDM.089VCA	2577894	8/22/2005
IRDM.090VCA	2578468	8/29/2005
IRDM.092VCA	2519600	9/13/2005
IRDM.094VCA	2518396	9/8/2005
IRDM.096VCA	2514349	7/29/2005
IRDM.097VCA	2520384	9/20/2005
IRDM.098VCA	2515622	8/8/2005
IRDM.101VCA	2518808	9/12/2005
IRDM.103VCA	2577816	9/14/2005
IRDM.104VCA	2581936	8/23/2005
IRDM.106VCA	2520622	9/21/2005
IRDM.107VCA	2514680	8/3/2005
IRDM.108VCA	2517095	8/25/2005
IRDM.109VCA	2520624	9/21/2005
IRDM.110VCA	2517116	8/26/2005
IRDM.111VCA	2520352	9/21/2005
IRDM.112VCA	2519741	9/14/2005
IRDM.113VCA	2577586	9/14/2005
IRDM.114QCA	2520457	9/22/2005
IRDM.115VCA	2519659	9/15/2005
IRDM.117VCA	2517315	8/26/2005
IRDM.125VCA	2490975	6/27/2003

EXHIBIT C
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IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date
IRDM.126QCA	2581670	8/30/2005
IRDM.126VCA	2499208	9/18/2003
IRDM.129VCA	2548400	11/22/2004
IRDM.146VCA	2513026	7/22/2005
IRDM.166VCA	2580794	9/14/2005
IRDM.167VCA2	2577584	9/13/2005
IRDM.186VCA	2581396	9/20/2005

EXHIBIT D

People's Republic of China (P.R.C.) including Hong Kong Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.

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Attorney Docket	Application No.	Filing Date	Issue Date	Patent No.
People's Republic of China Patents and Patent Applications				
IRDM.001VCN	200580006504.3	2/25/2005	5/6/09	ZL200580006504.3
IRDM.004VCN	200480031827.3	10/28/2004		
IRDM.006VCN	200580021873.X	6/24/2005		
IRDM.007VCN	200580013914.0	4/20/2005		
IRDM.009VCN	200510103442.X	9/15/2005		
IRDM.010VCN	200580003812.0	2/2/2005		
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IRDM.012VCN	200510103554.5	9/21/2005		
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IRDM.023VCN2	200510093576.8	8/26/2005	9/10/08	ZL200510093576.8
IRDM.026VCN2	200510093578.7	8/26/2005	2/4/09	ZL200510093578.7
IRDM.028VCN	200510105062.X	9/26/2005		
IRDM.029HCN	200480026765.7	8/12/2004		
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IRDM.033VCN	200510103444.9	9/15/2005		
IRDM.034VCN	200510105053.0	9/26/2005		
IRDM.035VCN	200510103445.3	9/15/2005		
IRDM.037VCN	02828414.3	4/29/2002	7/9/08	ZL02828414.3
IRDM.037VRCN	200810099049.1	4/29/2002		
IRDM.038VCN	200510093575.3	8/26/2005		
IRDM.038VR2CN	200910129348.X	8/26/2005		
IRDM.038VRCN	200910129351.1	8/26/2005		
IRDM.039VCN	200510105056.4	9/26/2005		
IRDM.041VCN	200510105057.9	9/26/2005		
IRDM.042VCN	200510105036.7	9/26/2005		
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IRDM.045VCN	200510105063.4	9/26/2005		
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IRDM.052VCN	200510105032.9	9/26/2005		
IRDM.053VCN	200510105059.8	9/26/2005		
IRDM.054VCN	200510105042.2	9/26/2005		

EXHIBIT D

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IDC, LLC -- QUALCOMM MEMS Technologies, Inc.

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Attorney Docket	Application No.	Filing Date	Issue Date	Patent No.
IRDM.055VCN	200510105841.X	9/23/2005		
IRDM.057VCN1	200510105103.5	9/22/2005	3/18/09	ZL200510105103.5
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IRDM.058VCN	200510103449.1	9/15/2005	2/4/09	ZL200510103449.1
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IRDM.059VCN2	200510105046.0	9/26/2005		
IRDM.060VCN	200510102600.X	9/12/2005		
IRDM.061VCN	200580032162.2	9/14/2005		
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IRDM.065VCN2	200510105840.5	9/23/2005		
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IRDM.082VRCN	200710109457.6	8/22/2005		
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IRDM.092VCN	200510105049.4	9/26/2005		
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IRDM.108VRCN	200910129350.7	9/21/2005		

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IRDM.109VCN	200510105058.3	9/26/2005		
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IRDM.112VCN	200510105040.3	9/26/2005		
IRDM.114QCN	200510105832.0	9/23/2005		
IRDM.115VCN	200510105035.2	9/26/2005		
IRDM.116VCN	200580030995.5	8/26/2005	4/8/09	ZL200580030995.5
IRDM.117VCN	200510105834.X	9/23/2005		
IRDM.119VCN	200580010486.6	9/26/2005	12/3/08	ZL200580010486.6
IRDM.124VCN	02828352.X	4/29/2002	3/25/09	ZL02828352.X
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IRDM.126QCN	200580032155.2	8/30/2005		
IRDM.126VCN	03821986.7	9/18/2003		
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IRDM.129VCN	200480036279.3	11/22/2004		
IRDM.129VRCN	200910126075.3	11/22/2004		
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IRDM.148VCN	200580032642.9	9/23/2005		
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IRDM.152R3CN	200710108685.1	9/16/2005		
IRDM.152R4CN	200710108672.4	9/16/2005		
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IRDM.169VCN	200580030991.7	8/31/2005		
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IRDM.193VCN2	200580052085.7	11/16/2005		
IRDM.202VCN	200780033563.9	7/23/2007		
IRDM.203VCN	200680040120.8	10/19/2006		
IRDM.205VCN	200780005111.X	1/16/2007		
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IRDM.001VHK	07105025.1	2/25/2005		
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IRDM.003VHK	07102104.2	2/28/2005		
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IRDM.006VHK	07111411.1	6/24/2005		
IRDM.007VHK	07107310.1	4/20/2005		
IRDM.008VHK	07102106.0	4/20/2005		
IRDM.009VHK	06108468.0	9/15/2005		
IRDM.010VHK	07105024.2	2/2/2005		
IRDM.011VHK	06109794.3	9/12/2005		
IRDM.012VHK	06109209.2	9/21/2005		
IRDM.015VHK	06109210.9	9/21/2005		
IRDM.016VHK	07102108.8	2/25/2005		
IRDM.018VHK	06108709.9	9/21/2005		
IRDM.019VHK	06108950.5	9/15/2005		
IRDM.020VHK	06108460.8	9/14/2005		
IRDM.021VHK	07113391.1	8/26/2005		
IRDM.022VHK2	07111237.3	8/23/2005		
IRDM.023VHK1	07112875.8	8/16/2005		
IRDM.023VHK2	06108465.3	8/26/2005	4/9/09	HK1086349
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IRDM.028VHK	06108462.6	9/26/2005		
IRDM.029HHK	07100497.1	8/12/2004		
IRDM.030VHK	06110074.2	9/21/2005		
IRDM.033VHK	06109499.1	9/15/2005		
IRDM.034VHK	06109486.6	9/26/2005		
IRDM.035VHK	06109190.3	9/15/2005		
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IRDM.038VHK	06108463.5	8/26/2005		
IRDM.039VHK	06109563.2	9/26/2005		
IRDM.041VHK	06109184.1	9/26/2005		
IRDM.042VHK	06109496.4	9/26/2005		
IRDM.044VHK	06109208.3	9/15/2005		
IRDM.045VHK	06109795.2	9/26/2005		
IRDM.046VHK	06108820.3	9/26/2005		
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IRDM.048VHK	06109796.1	9/26/2005		
IRDM.049VHK	06109487.5	9/15/2005		
IRDM.051VHK	06108822.1	9/12/2005		
IRDM.052VHK	06109488.4	9/26/2005		
IRDM.053VHK	06109568.7	9/26/2005		
IRDM.054VHK	06108710.6	9/26/2005		
IRDM.055VHK	06109498.2	9/23/2005		
IRDM.057VHK1	06109489.3	9/22/2005		
IRDM.057VHK2	06109500.8	9/23/2005		
IRDM.058VHK	06109186.9	9/15/2005		
IRDM.059VHK1	06109497.3	9/26/2005		

EXHIBIT D

People's Republic of China (P.R.C.) including Hong Kong Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.

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Attorney Docket	Application No.	Filing Date	Issue Date	Patent No.
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IRDM.060VHK	06110075.1	9/12/2005		
IRDM.061VHK	07112876.7	9/14/2005		
IRDM.062VHK	07113392.0	9/8/2005		
IRDM.063VHK1	07112067.6	9/23/2005		
IRDM.064VHK2	07111796.6	8/31/2005		
IRDM.065VHK1	06108464.4	9/23/2005		
IRDM.065VHK2	06109561.4	9/23/2005		
IRDM.067VHK	06108461.7	9/26/2005		
IRDM.068VHK	06108711.5	9/23/2005		
IRDM.069VHK	06109490.0	9/26/2005		
IRDM.070VHK	06109187.8	9/15/2005		
IRDM.071VHK	06109191.2	9/26/2005		
IRDM.073VHK	07111903.6	9/2/2005		
IRDM.074VHK	06108467.1	9/23/2005		
IRDM.075VHK	06109491.9	9/26/2005		
IRDM.078VHK	06109185.0	9/21/2005		
IRDM.080VHK	06109797.0	9/26/2005		
IRDM.081VHK	06109798.9	9/26/2005		
IRDM.082VHK	08100651.2	8/22/2005		
IRDM.082VHK2	08105920.6	5/28/2008		
IRDM.083VHK	06109494.6	9/21/2005		
IRDM.086VHK	06110076.0	9/26/2005		
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IRDM.092VHK	06109799.8	9/26/2005		
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IRDM.097VHK	06108459.1	9/26/2005		
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IRDM.105VHK	07111797.5	9/1/2005		
IRDM.106VHK	06109501.7	9/23/2005		
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IRDM.108VHK	06109566.9	9/21/2005		
IRDM.109VHK	06109189.6	9/26/2005		
IRDM.110VHK	06110405.2	9/22/2005		
IRDM.111VHK	06109562.3	9/26/2005		
IRDM.112VHK	06109800.5	9/26/2005		
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EXHIBIT D

People's Republic of China (P.R.C.) including Hong Kong Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket	Application No.	Filing Date	Issue Date	Patent No.
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IRDM.124VHK	05104788.3	4/29/2002		
IRDM.125VHK	06102403.1	6/27/2003	7/3/09	HK1082054
IRDM.126QHK	07112877.6	8/30/2005		
IRDM.126VHK	06105235.8	9/18/2003		
IRDM.128VHK	07100713.9	6/23/2004		
IRDM.129VHK	07103347.7	11/22/2004		
IRDM.145VHK	07113393.9	8/23/2005		
IRDM.146VHK	07101046.5	9/12/2005		
IRDM.147VHK	07111412.0	8/25/2005		
IRDM.148VHK	07112874.9	9/23/2005		
IRDM.150VHK	07112377.1	9/23/2005		
IRDM.152R1HK	08100893.0	9/16/2005		
IRDM.152R2HK	08100894.9	9/16/2005		
IRDM.152R3HK	08101208.8	9/16/2005		
IRDM.152R4HK	08100895.8	9/16/2005		
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IRDM.155VHK	07110912.7	8/22/2005		
IRDM.166VHK	07112221.9	9/14/2005		
IRDM.169VHK	07112873.0	8/31/2005		
IRDM.187VHK	07112376.2	8/25/2005		

EXHIBIT E
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IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
 Assignment Executed September 25, 2009

Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.001VEP	05732329.7	2/25/2005		
IRDM.002VEP	05712015.6	1/26/2005		
IRDM.003VEP	05724222.4	2/28/2005		
IRDM.005VEP	05728364.0	4/20/2005		
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IRDM.008VREP	08168731.1	4/20/2005		
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IRDM.012VEP	05255711.3	9/14/2005		
IRDM.015VEP	05255672.7	9/14/2005		
IRDM.016VEP	05714026.1	2/25/2005		
IRDM.017QEP	05775273.5	7/25/2005		
IRDM.017QREP	07011319.6	7/25/2005		
IRDM.018VEP	05255652.9	9/14/2005		
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IRDM.021VEP	05791508.4	8/26/2005	9/3/2008	1794646
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IRDM.036VREP	09156980.6	8/29/2005		
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EXHIBIT E

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
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IRDM.069VEP	05255682.6	9/14/2005		
IRDM.070VEP	05255665.1	9/14/2005		
IRDM.071VEP	05255679.2	9/14/2005		
IRDM.074VEP	05255658.6	9/14/2005		
IRDM.075VEP	05255644.6	9/14/2005		
IRDM.078VEP	05255675.0	9/14/2005		
IRDM.080VEP	05255660.2	9/14/2005		
IRDM.081VEP	05255705.5	9/14/2005		

EXHIBIT E
European Patent Office and Member State Patents and Patent Applications

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.083VEP	05255659.4	9/14/2005		
IRDM.086VEP	05255645.3	9/14/2005		
IRDM.087VEP	05789959.3	8/24/2005		
IRDM.089VEP	05798393.4	8/22/2005		
IRDM.090VEP	05792835.0	8/29/2005		
IRDM.092VEP	05255709.7	9/14/2005		
IRDM.093VEP	05788602.0	8/22/2005		
IRDM.094VEP	05255654.5	9/14/2005		
IRDM.096VEP	05255661.0	9/14/2005		
IRDM.097VEP	05255693.3	9/14/2005		
IRDM.098VEP	05255704.8	9/14/2005		
IRDM.101VEP	05255700.6	9/14/2005		
IRDM.102VEP	05795184.0	9/15/2005		
IRDM.103VEP	05797591.4	9/14/2005		
IRDM.104VEP	05789287.9	8/23/2005		
IRDM.105VEP	05799725.6	9/1/2005		
IRDM.106VEP	05255640.4	9/14/2005		
IRDM.107VEP	05255666.9	9/14/2005		
IRDM.108VEP	05255683.4	9/14/2005		
IRDM.109VEP	05255696.6	9/14/2005		
IRDM.110VEP	05255674.3	9/14/2005		
IRDM.110VREP	09153786.0	9/14/2005		
IRDM.111VEP	05255664.4	9/14/2005		
IRDM.112VEP	05255656.0	9/14/2005		
IRDM.113VEP	05796711.9	9/14/2005		
IRDM.114QEP	05255643.8	9/14/2005		
IRDM.115VEP	05255714.7	9/14/2005		
IRDM.116VEP	05792314.6	8/26/2005		
IRDM.117VEP	05255698.2	9/14/2005		
IRDM.118VEP	05792735.2	8/30/2005		
IRDM.119VEP	05802161.9	9/26/2005		
IRDM.124VEP	02806893.0	4/29/2002		
IRDM.125VEP	03763040.7	6/27/2003		
IRDM.126QEP	05802111.4	8/30/2005		
IRDM.126VEP	03759463.7	9/18/2003		
IRDM.129VEP	04811942.4	11/22/2004		
IRDM.145VEP	05790431.0	8/23/2005		
IRDM.146VEP	05255713.9	9/14/2005		
IRDM.166VEP	05796379.5	9/14/2005		
IRDM.167VEP	05796137.7	9/9/2005		
IRDM.167VEP2	05796481.9	9/13/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.169VEP	05793385.5	8/31/2005		
IRDM.186VEP	05797866.0	9/20/2005		
IRDM.187VEP	05790805.5	8/25/2005		
IRDM.189VEP	05798437.9	9/14/2005		
IRDM.190VEP	05796083.3	9/8/2005		
IRDM.193VEP2	05823340.4	11/16/2005		
IRDM.202VEP	07836219.1	7/23/2007		
IRDM.203VEP	06836379.5	10/19/2006		
IRDM.204VEP	07775553.6	4/17/2007		
IRDM.205VEP	07716671.8	1/16/2007		
IRDM.208VEP	07777242.4	5/22/2007		
IRDM.209VEP	06839185.3	12/7/2006		
Germany				
IRDM.021VDE	05791508.4	8/26/2005	9/3/2008	1794646
IRDM.037VDE	02725847.4	4/29/2002	12/31/2008	1485758
France				
IRDM.021VFR	05791508.4	8/26/2005	9/3/2008	1794646
IRDM.037VFR	02725847.4	4/29/2002	12/31/2008	1485758
Great Britain				
IRDM.021VGB	05791508.4	8/26/2005	9/3/2008	1794646
IRDM.037VGB	02725847.4	4/29/2002	12/31/2008	1485758

EXHIBIT F
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.002VIN	937/MUMNP/2006	1/26/2005		
IRDM.008VIN	1381/MUMNP/2006	4/20/2005		
IRDM.009VIN	974/MUM/2005	8/18/2005		
IRDM.010VIN	947/MUMNP/2006	2/2/2005		
IRDM.011VIN	1042/MUM/2005	8/30/2005		
IRDM.012VIN	1132/MUM/2005	9/19/2005		
IRDM.015VIN	1068/MUM/2005	9/5/2005		
IRDM.017QIN	203/MUMNP/2007	7/25/2005		
IRDM.018VIN	1066/MUM/2005	9/5/2005		
IRDM.019VIN	975/MUM/2005	8/18/2005		
IRDM.020VIN	1151/MUM/2005	9/21/2005		
IRDM.021VIN	211/MUMNP/2007	8/26/2005		
IRDM.022VIN2	212/MUMNP/2007	8/23/2005		
IRDM.023VIN2	950/MUM/2005	8/16/2005		
IRDM.026VIN2	1007/MUM/2005	8/25/2005		
IRDM.028VIN	963/MUM/2005	8/17/2005		
IRDM.029HIN	00313/MUMNP/2006	8/12/2004		
IRDM.030VIN	982/MUM/2005	8/22/2005		
IRDM.033VIN	981/MUM/2005	8/22/2005		
IRDM.034VIN	1159/MUM/2005	9/21/2005		
IRDM.035VIN	1030/MUM/2005	8/29/2005		
IRDM.038VIN	948/MUM/2005	8/16/2005		
IRDM.039VIN	1155/MUM/2005	9/21/2005		
IRDM.040VIN	458/MUMNP/2007	9/9/2005		
IRDM.041VIN	1115/MUM/2005	9/15/2005		
IRDM.042VIN	949/MUM/2005	8/16/2005		
IRDM.043VIN	565/MUMNP/2007	8/22/2005		
IRDM.044VIN	1031/MUM/2005	8/29/2005		
IRDM.045VIN	1121/MUM/2005	9/15/2005		
IRDM.046VIN	1067/MUM/2005	9/5/2005		
IRDM.047VIN	1161/MUM/2005	9/21/2005		
IRDM.048VIN	1029/MUM/2005	8/29/2005		
IRDM.049VIN	986/MUM/2005	8/22/2005		
IRDM.050VIN	422/MUMNP/2007	9/14/2005		
IRDM.051VIN	1152/MUM/2005	9/21/2005		
IRDM.052VIN	1065/MUM/2005	9/5/2005		
IRDM.053VIN	1024/MUM/2005	8/29/2005		
IRDM.054VIN	1141/MUM/2005	9/20/2005		
IRDM.055VIN	1145/MUM/2005	9/20/2005		
IRDM.057VIN1	985/MUM/2005	8/22/2005		
IRDM.057VIN2	1088/MUM/2005	9/9/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.058VIN	1023/MUM/2005	8/29/2005		
IRDM.059VIN1	1153/MUM/2005	9/21/2005		
IRDM.059VIN2	1148/MUM/2005	9/21/2005		
IRDM.060VIN	1025/MUM/2005	8/29/2005		
IRDM.065VIN1	1146/MUM/2005	9/20/2005		
IRDM.065VIN2	1038/MUM/2005	8/30/2005		
IRDM.067VIN	1158/MUM/2005	9/21/2005		
IRDM.068VIN	1143/MUM/2005	9/20/2005		
IRDM.069VIN	1156/MUM/2005	9/21/2005		
IRDM.070VIN	1117/MUM/2005	9/15/2005		
IRDM.071VIN	1021/MUM/2005	8/29/2005		
IRDM.074VIN	1022/MUM/2005	8/29/2005		
IRDM.075VIN	1097/MUM/2005	9/12/2005		
IRDM.078VIN	1089/MUM/2005	9/9/2005		
IRDM.080VIN	1037/MUM/2005	8/30/2005		
IRDM.081VIN	1142/MUM/2005	9/20/2005		
IRDM.083VIN	1026/MUM/2005	8/29/2005		
IRDM.086VIN	1090/MUM/2005	9/9/2005		
IRDM.087VIN	18/MUMNP/2007	8/24/2005		
IRDM.089VIN	1282/CHENP/2007	8/22/2005		
IRDM.090VIN	257/MUMNP/2007	8/29/2005		
IRDM.092VIN	1044/MUM/2005	8/30/2005		
IRDM.094VIN	1036/MUM/2005	8/30/2005		
IRDM.096VIN	1154/MUM/2005	9/21/2005		
IRDM.097VIN	1144/MUM/2005	9/20/2005		
IRDM.098VIN	1157/MUM/2005	9/21/2005		
IRDM.101VIN	1032/MUM/2005	8/29/2005		
IRDM.103VIN	210/MUMNP/2007	9/14/2005		
IRDM.104VIN	332/MUMNP/2007	8/23/2005		
IRDM.106VIN	1147/MUM/2005	9/20/2005		
IRDM.107VIN	1116/MUM/2005	9/15/2005		
IRDM.108VIN	1039/MUM/2005	8/30/2005		
IRDM.109VIN	1150/MUM/2005	9/21/2005		
IRDM.110VIN	1040/MUM/2005	8/30/2005		
IRDM.111VIN	1160/MUM/2005	9/21/2005		
IRDM.112VIN	1043/MUM/2005	8/30/2005		
IRDM.113VIN	1281/CHENP/2007	9/14/2005		
IRDM.114QIN	1149/MUM/2005	9/21/2005		
IRDM.115VIN	1133/MUM/2005	9/19/2005		
IRDM.117VIN	1041/MUM/2005	8/30/2005		
IRDM.125VIN	110/KOLNP/05	6/27/2003	11/12/08	225429

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.126QIN	356/MUMNP/2007	8/30/2005		
IRDM.126VIN	665/CHENP/2005	9/18/2003		
IRDM.126VRIN	Unknown	9/18/2003		
IRDM.129VIN	730/MUMNP/2006	11/22/2004	5/15/2008	219962
IRDM.129VRIN	588/MUMNP/2008	11/22/2004		
IRDM.146VIN	1114/MUM/2005	9/15/2005		
IRDM.166VIN	339/MUMNP/2007	9/14/2005		
IRDM.167VIN2	606/MUMNP/2007	9/13/2005		
IRDM.186VIN	437/MUMNP/2007	9/20/2005		
IRDM.193VIN2	1168/MUMNP/2008	11/16/2005		
IRDM.203VIN	3601/DELNP/2008	10/19/2006		
IRDM.205VIN	1904/MUMNP/2008	1/16/2007		
IRDM.208VIN	2680/MUMNP/2008	5/22/2007		
IRDM.209VIN	1579/MUMNP/2008	12/7/2006		

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Japanese Patents and Patent Applications

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.003VJP	2007-501906	2/28/2005		
IRDM.004VJP	2006-538251	10/28/2004		
IRDM.005VJP	2007-511400	4/20/2005		
IRDM.007VJP	2007-511399	4/20/2005		
IRDM.009VJP	2005-243832	8/25/2005		
IRDM.010VJP	2006-552191	2/2/2005		
IRDM.011VJP	2005-218128	7/28/2005		
IRDM.012VJP	2005-226115	8/4/2005		
IRDM.015VJP	2005-211568	7/21/2005		
IRDM.016VJP	2007-501837	2/25/2005		
IRDM.018VJP	2005-226084	8/4/2005		
IRDM.019VJP	2005-233477	8/11/2005		
IRDM.020VJP	2005-211852	7/21/2005		
IRDM.021VJP	2007-533487	8/26/2005		
IRDM.022VJP2	2007-530007	8/23/2005		
IRDM.023VJP2	2005-220082	7/29/2005		
IRDM.024QJP	7-529030	5/1/1995	4/13/07	3942040
IRDM.024QRJP	2005-292775	5/1/1995		
IRDM.024QRJP2	2006-140486	5/1/1995	10/19/07	4027395
IRDM.024QRJP3	2007-189815	5/1/1995		
IRDM.026VJP2	2005-243599	8/25/2005		
IRDM.027QJP	HEI09-518276	11/6/1996		
IRDM.028VJP	2005-244652	8/25/2005		
IRDM.029HJP	2005-518934	8/12/2004		
IRDM.030VJP	2005-235802	8/16/2005		
IRDM.032VJP	2007-533475	8/22/2005		
IRDM.033VJP	2005-232880	8/11/2005		
IRDM.033VRJP	2009-000342	8/11/2005		
IRDM.034VJP	2005-267944	9/15/2005		
IRDM.035VJP	2005-233651	8/11/2005		
IRDM.036VJP	2007-533492	8/29/2005		
IRDM.037VJP	2003-568475	4/29/2002		
IRDM.037VRJP	2008-196783	4/29/2002		
IRDM.038VJP	2005-243697	8/25/2005		
IRDM.038VR2JP	2008-313379	8/25/2005		
IRDM.038VRJP	2008-313378	8/25/2005		
IRDM.039VJP	2005-265550	9/13/2005		
IRDM.041VJP	2005-258388	9/6/2005		
IRDM.042VJP	2005-245297	8/26/2005		
IRDM.044VJP	2005-226224	8/4/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.045VJP	2005-261026	9/8/2005		
IRDM.046VJP	2005-260607	9/8/2005		
IRDM.047VJP	2005-218736	7/28/2005		
IRDM.048VJP	2005-250539	8/31/2005		
IRDM.049VJP	2005-231619	8/10/2005		
IRDM.051VJP	2005-218816	7/28/2005		
IRDM.052VJP	2005-264841	9/13/2005		
IRDM.053VJP	2005-253492	9/1/2005		
IRDM.054VJP	2005-266997	9/14/2005		
IRDM.055VJP	2005-276442	9/22/2005		
IRDM.056QJP	2003-512759	7/10/2001		
IRDM.057VJP1	2005-235798	8/16/2005		
IRDM.057VJP2	2005-237240	8/18/2005		
IRDM.058VJP	2005-233673	8/11/2005		
IRDM.059VJP1	2005-275059	9/22/2005		
IRDM.059VJP2	2005-275060	9/22/2005		
IRDM.060VJP	2005-219836	7/29/2005		
IRDM.061VJP	2007-533543	9/14/2005		
IRDM.063VJP2	2007-533662	8/23/2005		
IRDM.064VJP3	2007-533717	9/23/2005		
IRDM.065VJP1	2005-276235	9/22/2005		
IRDM.065VJP2	2005-259341	9/7/2005		
IRDM.066VJP	2007-533498	9/1/2005		
IRDM.067VJP	2005-265709	9/13/2005		
IRDM.067VRJP	2009-039365	9/13/2005		
IRDM.068VJP	2005-271931	9/20/2005		
IRDM.069VJP	2005-265332	9/13/2005		
IRDM.070VJP	2005-216768	7/27/2005		
IRDM.071VJP	2005-253190	9/1/2005		
IRDM.073VJP	2007-533505	9/2/2005		
IRDM.074VJP	2005-232930	8/11/2005		
IRDM.075VJP	2005-244481	8/25/2005		
IRDM.078VJP	2005-237311	8/18/2005		
IRDM.080VJP	2005-279055	9/27/2005		
IRDM.081VJP	2005-271672	9/20/2005		
IRDM.082VJP	2007-533474	8/22/2005		
IRDM.082VJP2	2007-150404	8/22/2005		
IRDM.083VJP	2005-236246	8/17/2005	6/26/09	4331148
IRDM.086VJP	2005-243761	8/25/2005		
IRDM.089VJP	2007-533476	8/22/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
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IRDM.092VJP	2005-279158	9/27/2005		
IRDM.094VJP	2005-258288	9/6/2005		
IRDM.095VJP	2007-533523	9/9/2005		
IRDM.096VJP	2005-214923	7/25/2005		
IRDM.097VJP	2005-275187	9/22/2005		
IRDM.098VJP	2005-227383	8/5/2005		
IRDM.101VJP	2005-253640	9/1/2005		
IRDM.102VJP	2007-533532	9/15/2005		
IRDM.106VJP	2005-276073	9/22/2005		
IRDM.107VJP	2005-216693	7/27/2005		
IRDM.108VJP	2005-237331	8/18/2005		
IRDM.109VJP	2005-276325	9/22/2005		
IRDM.110VJP	2005-244060	8/25/2005		
IRDM.111VJP	2005-266792	9/14/2005		
IRDM.112VJP	2005-260496	9/8/2005		
IRDM.114QJP	2005-275828	9/22/2005		
IRDM.114QRJP	2008-047756	9/22/2005		
IRDM.115VJP	2005-260798	9/8/2005		
IRDM.117VJP	2005-244244	8/25/2005		
IRDM.118VJP	2007-533494	8/30/2005		
IRDM.124VJP	2003-571782	4/29/2002	11/28/08	4223406
IRDM.125VJP	2004-519675	6/27/2003		
IRDM.126QJP	2007-533493	8/30/2005		
IRDM.126VJP	2004-538461	9/18/2003		
IRDM.128VJP	2006-517633	6/23/2004		
IRDM.129VJP	2006-543852	11/22/2004		
IRDM.146VJP	2005-211655	7/21/2005		
IRDM.147VJP	2007-533486	8/25/2005		
IRDM.148VJP	2007-533683	9/23/2005		
IRDM.150VJP	2007-533716	9/23/2005		
IRDM.152R1JP	2007-150861	9/16/2005		
IRDM.152R2JP	2007-150868	9/16/2005		
IRDM.152R3JP	2007-150871	9/16/2005		
IRDM.152R4JP	2007-150880	9/16/2005		
IRDM.152VJP	2007-533554	9/16/2005		
IRDM.155VJP	2007-533478	8/22/2005		
IRDM.166VJP	2007-533541	9/14/2005		
IRDM.167VJP	2007-533524	9/9/2005		
IRDM.189VJP	2007-533542	9/14/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
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IRDM.193VJP2	2008-541133	11/16/2005		
IRDM.202VJP	2009-522786	7/23/2007		
IRDM.203VJP	2008-537782	10/19/2006		
IRDM.205VJP	2008-554244	1/16/2007		
IRDM.208VJP	2009-513184	5/22/2007		
IRDM.209VJP	2008-549477	12/7/2006		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.002VKR	10-2006-7017822	1/26/2005		
IRDM.004VKR	10-2006-7008240	10/28/2004		
IRDM.007VKR	10-2006-7023026	4/20/2005		
IRDM.008VKR	10-2006-7025535	4/20/2005		
IRDM.009VKR	10-2005-0089439	9/26/2005		
IRDM.010VKR	10-2006-7015589	2/2/2005		
IRDM.011VKR	10-2005-0084145	9/9/2005		
IRDM.012VKR	10-2005-0085222	9/13/2005		
IRDM.015VKR	10-2005-0084032	9/9/2005		
IRDM.017QKR	10-2007-7004722	7/25/2005		
IRDM.018VKR	10-2005-0085277	9/13/2005		
IRDM.019VKR	10-2005-0089955	9/27/2005		
IRDM.020VKR	10-2005-0086084	9/15/2005		
IRDM.021VKR	10-2007-7006563	8/26/2005		
IRDM.022VKR2	10-2007-7005916	8/23/2005		
IRDM.023VKR2	10-2005-0078971	8/26/2005		
IRDM.026VKR2	10-2005-0078972	8/26/2005		
IRDM.028VKR	10-2005-0088739	9/23/2005		
IRDM.029HKR	10-2006-7003335	8/12/2004		
IRDM.030VKR	10-2005-0087710	9/21/2005		
IRDM.031QKR	10-2000-7011227	4/1/1999	3/28/07	703140
IRDM.033VKR	10-2005-0087709	9/21/2005		
IRDM.034VKR	10-2005-0089755	9/27/2005		
IRDM.035VKR	10-2005-0085295	9/13/2005		
IRDM.037VKR	2004-7012516	4/29/2002		
IRDM.038VKR	10-2005-0078973	8/26/2005		
IRDM.039VKR	10-2005-0090009	9/27/2005		
IRDM.040VKR	10-2007-7003353	9/9/2005		
IRDM.041VKR	10-2005-0090051	9/27/2005		
IRDM.042VKR	10-2005-0089956	9/27/2005		
IRDM.043VKR	10-2007-7006100	8/22/2005		
IRDM.044VKR	10-2005-0084146	9/9/2005		
IRDM.045VKR	10-2005-0090052	9/27/2005		
IRDM.046VKR	10-2005-0089754	9/27/2005		
IRDM.047VKR	10-2005-0084661	9/12/2005		
IRDM.048VKR	10-2005-0087702	9/21/2005		
IRDM.049VKR	10-2005-0087405	9/20/2005		
IRDM.050VKR	10-2007-7009322	9/14/2005		
IRDM.051VKR	10-2005-0087404	9/20/2005		
IRDM.052VKR	10-2005-0089823	9/27/2005		
IRDM.053VKR	10-2005-0088594	9/23/2005		
IRDM.054VKR	10-2005-0090055	9/27/2005		
IRDM.055VKR	10-2005-0089839	9/27/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.056QKR	2004-7000433	7/10/2001	8/13/08	10-0853131
IRDM.057VKR1	10-2005-0085223	9/13/2005		
IRDM.057VKR2	10-2005-0089437	9/26/2005		
IRDM.058VKR	10-2005-0087784	9/21/2005		
IRDM.059VKR1	10-2005-0089756	9/27/2005		
IRDM.059VKR2	10-2005-0089757	9/27/2005		
IRDM.060VKR	10-2005-0084149	9/9/2005		
IRDM.061VKR	10-2007-7006564	9/14/2005		
IRDM.065VKR1	10-2005-0090149	9/27/2005		
IRDM.065VKR2	10-2005-0089441	9/26/2005		
IRDM.067VKR	10-2005-0090054	9/27/2005		
IRDM.068VKR	10-2005-0089957	9/27/2005		
IRDM.069VKR	10-2005-0089442	9/26/2005		
IRDM.070VKR	10-2005-0085299	9/13/2005		
IRDM.071VKR	10-2005-0089838	9/27/2005		
IRDM.073VKR	10-2007-7009717	9/2/2005		
IRDM.074VKR	10-2005-0085010	9/13/2005		
IRDM.075VKR	10-2005-0088740	9/23/2005		
IRDM.078VKR	10-2005-0085011	9/13/2005		
IRDM.080VKR	10-2005-0089830	9/27/2005		
IRDM.081VKR	10-2005-0089157	9/26/2005		
IRDM.082VKR	10-2007-7008895	8/22/2005		
IRDM.082VKR2	10-2007-7009656	8/22/2005		
IRDM.083VKR	10-2005-0088005	9/22/2005		
IRDM.086VKR	10-2005-0088121	9/22/2005		
IRDM.087VKR	10-2007-7001642	8/24/2005		
IRDM.089VKR	10-2007-7006562	8/22/2005		
IRDM.090VKR	10-2007-7006669	8/29/2005		
IRDM.091VKR	10-2007-7008124	9/19/2005		
IRDM.092VKR	10-2005-0089204	9/26/2005		
IRDM.094VKR	10-2005-0088596	9/23/2005		
IRDM.095VKR	10-2007-7008577	9/9/2005		
IRDM.096VKR	10-2005-0084154	9/9/2005		
IRDM.097VKR	10-2005-0089824	9/27/2005		
IRDM.098VKR	10-2005-0085175	9/13/2005		
IRDM.101VKR	10-2005-0089842	9/27/2005		
IRDM.103VKR	10-2007-7009373	9/14/2005		
IRDM.104VKR	10-2007-7007960	8/23/2005		
IRDM.106VKR	10-2005-0089952	9/27/2005		
IRDM.107VKR	10-2005-0087727	9/21/2005		
IRDM.108VKR	10-2005-0088085	9/22/2005		
IRDM.109VKR	10-2005-0090150	9/27/2005		
IRDM.110VKR	10-2005-0089440	9/26/2005		

EXHIBIT H
South Korean Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.111VKR	10-2005-0090053	9/27/2005		
IRDM.112VKR	10-2005-0090028	9/27/2005		
IRDM.113VKR	10-2007-7005413	9/14/2005		
IRDM.114QKR	10-2005-0089958	9/27/2005		
IRDM.115VKR	10-2005-0090029	9/27/2005		
IRDM.117VKR	10-2005-0089458	9/26/2005		
IRDM.124VKR	2004-7013279	4/29/2002		
IRDM.125VKR	2004-7021638	6/27/2003		
IRDM.126QKR	10-2007-7009521	8/30/2005		
IRDM.126VKR	2005-7004794	9/18/2003		
IRDM.128VKR	10-2005-7024689	6/23/2004		
IRDM.129VKR	10-2006-7011247	11/22/2004		
IRDM.146VKR	10-2005-0084237	9/9/2005		
IRDM.147VKR	10-2007-7009508	8/25/2005		
IRDM.148VKR	10-2007-7009740	9/23/2005		
IRDM.150VKR	10-2007-7009509	9/23/2005		
IRDM.152R1KR	10-2007-7010601	9/16/2005		
IRDM.152R2KR	10-2007-7010602	9/16/2005		
IRDM.152R3KR	10-2007-7010603	9/16/2005		
IRDM.152R4KR	10-2007-7010604	9/16/2005		
IRDM.152VKR	10-2007-7009676	9/16/2005		
IRDM.155VKR	10-2007-7003469	8/22/2005		
IRDM.166VKR	10-2007-7008772	9/14/2005		
IRDM.167VKR2	10-2007-7005316	9/13/2005		
IRDM.186VKR	10-2007-7008042	9/20/2005		
IRDM.193VKR2	10-2008-7014508	11/16/2005		
IRDM.202VKR	10-2009-7004092	7/23/2007		
IRDM.203VKR	10-2008-7012655	10/19/2006		
IRDM.205VKR	10-2008-7021762	1/16/2007		
IRDM.208VKR	10-2008-7030619	5/22/2007		
IRDM.209VKR	10-2008-7019264	12/7/2006		

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IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.003VMX	PA/a/2006/010063	2/28/2005		
IRDM.005VMX	PA/a/2006/012741	4/20/2005		
IRDM.009VMX	PA/a/2005/009400	9/2/2005		
IRDM.009VRMX	MX/a/2008/010985	9/2/2005		
IRDM.010VMX	PA/a/2006/008719	2/2/2005	5/6/09	266537
IRDM.010VRMX	MX/a/2009/004267	2/2/2005		
IRDM.011VMX	PA/a/2005/009545	9/7/2005		
IRDM.012VMX	PA/a/2005/010243	9/23/2005		
IRDM.015VMX	PA/a/2005/010244	9/23/2005	4/1/09	265549
IRDM.016VMX	PA/a/2006/010129	2/25/2005		
IRDM.018VMX	PA/a/2005/009865	9/14/2005		
IRDM.019VMX	PA/a/2005/009408	9/2/2005		
IRDM.020VMX	PA/a/2005/010092	9/21/2005	4/9/08	256143
IRDM.021VMX	MX/a/2007/003594	8/26/2005		
IRDM.022VMX2	MX/a/2007/002211	8/23/2005		
IRDM.023VMX2	PA/a/2005/009165	8/26/2005		
IRDM.026VMX2	PA/a/2005/009149	8/26/2005		
IRDM.028VMX	PA/a/2005/010306	9/26/2005		
IRDM.029HMX	PA/a/2006/001903	8/12/2004	5/29/09	267117
IRDM.030VMX	PA/a/2005/009406	9/2/2005		
IRDM.032VMX	MX/a/2007/003589	8/22/2005		
IRDM.033VMX	PA/a/2005/009403	9/2/2005	9/3/08	260221
IRDM.034VMX	PA/a/2005/010247	9/23/2005		
IRDM.035VMX	PA/a/2005/009546	9/7/2005	8/18/08	259689
IRDM.036VMX	MX/a/2007/003590	8/29/2005		
IRDM.038VMX	PA/a/2005/009166	8/26/2005	5/2/08	256807
IRDM.038VRMX	MX/a/2008/000591	11/25/2005		
IRDM.039VMX	PA/a/2005/010240	9/23/2005		
IRDM.041VMX	PA/a/2005/010093	9/21/2005		
IRDM.042VMX	PA/a/2005/009416	9/2/2005		
IRDM.044VMX	PA/a/2005/009547	9/7/2005		
IRDM.045VMX	PA/a/2005/010094	9/21/2005		
IRDM.046VMX	PA/a/2005/010242	9/23/2005		
IRDM.047VMX	PA/a/2005/010233	9/23/2005		5010233
IRDM.048VMX	PA/a/2005/010237	9/23/2005	1/7/09	263523
IRDM.049VMX	PA/a/2005/009399	9/2/2005	7/18/08	258919
IRDM.051VMX	PA/a/2005/010095	9/21/2005		
IRDM.052VMX	PA/a/2005/010246	9/23/2005		
IRDM.053VMX	PA/a/2005/010085	9/21/2005		
IRDM.054VMX	PA/a/2005/010099	9/21/2005		
IRDM.055VMX	PA/a/2005/010256	9/23/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.057VMX1	PA/a/2005/009409	9/2/2005		
IRDM.057VMX2	PA/a/2005/009544	9/7/2005		
IRDM.058VMX	PA/a/2005/009405	9/2/2005		
IRDM.059VMX1	PA/a/2005/010355	9/27/2005		
IRDM.059VMX2	PA/a/2005/010356	9/27/2005		
IRDM.060VMX	PA/a/2005/010241	9/23/2005	7/16/08	258802
IRDM.063VMX2	MX/a/2007/003591	9/23/2005		
IRDM.064VMX3	MX/a/2007/003595	9/23/2005		
IRDM.065VMX1	PA/a/2005/010238	9/23/2005		
IRDM.065VMX2	PA/a/2005/009863	9/14/2005		
IRDM.066VMX	MX/a/2007/003588	9/1/2005		
IRDM.067VMX	PA/a/2005/010248	9/23/2005		
IRDM.068VMX	PA/a/2005/010235	9/23/2005		
IRDM.069VMX	PA/a/2005/010096	9/21/2005	8/18/08	259690
IRDM.070VMX	PA/a/2005/010097	9/21/2005		
IRDM.071VMX	PA/a/2005/010087	9/21/2005		
IRDM.074VMX	PA/a/2005/009404	9/2/2005		
IRDM.075VMX	PA/a/2005/009407	9/2/2005		
IRDM.078VMX	PA/a/2005/009548	9/7/2005		
IRDM.080VMX	PA/a/2005/010088	9/21/2005		
IRDM.081VMX	PA/a/2005/010100	9/21/2005		
IRDM.083VMX	PA/a/2005/009421	9/2/2005		
IRDM.086VMX	PA/a/2005/009861	9/14/2005	10/20/08	261508
IRDM.089VMX	MX/a/2007/003602	8/22/2005		
IRDM.092VMX	PA/a/2005/010089	9/21/2005		
IRDM.094VMX	PA/a/2005/010090	9/21/2005	8/27/08	259967
IRDM.096VMX	PA/a/2005/009864	9/14/2005		
IRDM.097VMX	PA/a/2005/010236	9/23/2005	6/3/09	267175
IRDM.098VMX	PA/a/2005/010234	9/23/2005		
IRDM.101VMX	PA/a/2005/009402	9/2/2005		
IRDM.102VMX	MX/a/2007/003600	9/15/2005		
IRDM.106VMX	PA/a/2005/010302	9/26/2005		
IRDM.107VMX	PA/a/2005/010098	9/21/2005		
IRDM.108VMX	PA/a/2005/009414	9/2/2005		
IRDM.109VMX	PA/a/2005/010305	9/26/2005		
IRDM.110VMX	PA/a/2005/009862	9/14/2005		
IRDM.111VMX	PA/a/2005/010239	9/23/2005		
IRDM.112VMX	PA/a/2005/010091	9/21/2005		
IRDM.114QMX	PA/a/2005/010307	9/26/2005		
IRDM.115VMX	PA/a/2005/010303	9/26/2005		
IRDM.117VMX	PA/a/2005/010304	9/26/2005		

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IRDM.118VMX	MX/a/2007/003601	8/30/2005		
IRDM.125VMX	PA/a/2005/000167	6/27/2003	10/3/07	249887
IRDM.126QMX	MX/a/2007/003584	8/30/2005		
IRDM.126VMX	PA/a/2005/003078	9/18/2003		
IRDM.129VMX	PA/a/2006/006585	11/22/2004	1/12/09	263726
IRDM.146VMX	PA/a/2005/010245	9/23/2005	8/18/08	259688
IRDM.166VMX	MX/a/2007/003581	9/14/2005		
IRDM.167VMX	MX/a/2007/003597	9/9/2005		
IRDM.189VMX	MX/a/2007/003577	9/14/2005		
IRDM.190VMX	MX/a/2007/003596	9/8/2005	2/6/09	264374

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.005VMY	PI20051838	4/27/2005		
IRDM.006VMY	PI20052972	6/29/2005		
IRDM.007VMY	PI20051839	4/27/2005		
IRDM.008VMY	PI20051837	4/27/2005		
IRDM.008VRMY	PI20083900	4/27/2005		
IRDM.009VMY	PI20053660	8/5/2005		
IRDM.011VMY	PI20053307	7/19/2005		
IRDM.012VMY	PI20053461	7/27/2005		
IRDM.015VMY	PI20053297	7/19/2005		
IRDM.017QMY	PI20053485	7/28/2005		
IRDM.018VMY	PI20053459	7/27/2005		
IRDM.019VMY	PI20053520	7/29/2005		
IRDM.020VMY	PI20053305	7/19/2005		
IRDM.021VMY	PI20054177	9/5/2005		
IRDM.022VMY2	PI20053884	8/18/2005		
IRDM.023VMY1	PI20053885	8/18/2005		
IRDM.023VMY2	PI20053329	7/20/2005		
IRDM.026VMY2	PI20053771	8/11/2005		
IRDM.028VMY	PI20053769	8/11/2005		
IRDM.030VMY	PI20053562	8/1/2005		
IRDM.032VMY	PI20054172	9/5/2005	6/30/08 MY-135735-A	
IRDM.033VMY	PI20053521	7/29/2005		
IRDM.034VMY	PI20054272	9/9/2005		
IRDM.035VMY	PI20053522	7/29/2005		
IRDM.036VMY	PI20054268	9/9/2005		
IRDM.038VMY	PI20053770	8/11/2005		
IRDM.039VMY	PI20054165	9/5/2005		
IRDM.040VMY	PI20054364	9/16/2005		
IRDM.041VMY	PI20054175	9/5/2005		
IRDM.042VMY	PI20053768	8/11/2005		
IRDM.043VMY	PI20054178	9/5/2005		
IRDM.044VMY	PI20053457	7/27/2005		
IRDM.045VMY	PI20054171	9/5/2005		
IRDM.046VMY	PI20054176	9/5/2005		
IRDM.047VMY	PI20053310	7/19/2005		
IRDM.048VMY	PI20053869	8/17/2005		
IRDM.049VMY	PI20053523	7/29/2005		
IRDM.050VMY	PI20054493	9/23/2005		
IRDM.051VMY	PI20053309	7/19/2005		
IRDM.052VMY	PI20054174	9/5/2005		
IRDM.053VMY	PI20053867	8/17/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.054VMY	PI20054267	9/9/2005		
IRDM.055VMY	PI20054363	9/16/2005		
IRDM.057VMY1	PI20053563	8/1/2005		
IRDM.057VMY2	PI20053634	8/4/2005		
IRDM.058VMY	PI20053518	7/29/2005		
IRDM.059VMY1	PI20054497	9/23/2005		
IRDM.059VMY2	PI20054496	9/23/2005		
IRDM.060VMY	PI20053308	7/19/2005		
IRDM.061VMY	PI20054524	9/26/2005		
IRDM.062VMY	PI20054361	9/16/2005		
IRDM.063VMY1	PI20054501	9/23/2005		
IRDM.063VMY2	PI20054498	9/23/2005		
IRDM.064VMY2	PI20054264	9/9/2005		
IRDM.064VMY3	PI20054525	9/26/2005		
IRDM.065VMY1	PI20054365	9/16/2005		
IRDM.065VMY2	PI20053954	8/23/2005		
IRDM.066VMY	PI20054261	9/9/2005		
IRDM.067VMY	PI20054164	9/5/2005		
IRDM.068VMY	PI20054366	9/16/2005		
IRDM.069VMY	PI20054266	9/9/2005		
IRDM.070VMY	PI20053458	7/27/2005		
IRDM.071VMY	PI20053866	8/17/2005		
IRDM.073VMY	PI20054262	9/9/2005		
IRDM.074VMY	PI20053519	7/29/2005		
IRDM.075VMY	PI20053772	8/11/2005		
IRDM.078VMY	PI20053598	8/2/2005		
IRDM.080VMY	PI20053956	8/23/2005		
IRDM.081VMY	PI20054273	9/9/2005		
IRDM.082VMY	PI20054179	9/5/2005		
IRDM.083VMY	PI20053561	8/1/2005		
IRDM.086VMY	PI20053661	8/5/2005		
IRDM.087VMY	PI20054168	9/5/2005		
IRDM.089VMY	PI20054182	9/5/2005		
IRDM.090VMY	PI20054263	9/9/2005		
IRDM.091VMY	PI20054526	9/26/2005		
IRDM.092VMY	PI20053955	8/23/2005		
IRDM.093VMY	PI20054181	9/5/2005		
IRDM.094VMY	PI20053957	8/23/2005		
IRDM.095VMY	PI20054370	9/16/2005		
IRDM.096VMY	PI20053306	7/19/2005		
IRDM.097VMY	PI20054362	9/16/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.098VMY	PI20053353	7/21/2005		
IRDM.101VMY	PI20053868	8/17/2005		
IRDM.102VMY	PI20054545	9/27/2005		
IRDM.103VMY	PI20054500	9/23/2005		
IRDM.104VMY	PI20054169	9/5/2005		
IRDM.105VMY	PI20054271	9/9/2005	5/30/08	MY-135577-A
IRDM.106VMY	PI20054367	9/16/2005		
IRDM.107VMY	PI20053354	7/21/2005		
IRDM.108VMY	PI20053597	8/2/2005		
IRDM.109VMY	PI20054444	9/22/2005		
IRDM.110VMY	PI20053662	8/5/2005		
IRDM.111VMY	PI20054166	9/5/2005		
IRDM.112VMY	PI20053958	8/23/2005		
IRDM.113VMY	PI20054445	9/22/2005		
IRDM.114QMY	PI20054368	9/16/2005		
IRDM.115VMY	PI20054173	9/5/2005		
IRDM.116VMY	PI20054183	9/5/2005		
IRDM.117VMY	PI20053659	8/5/2005		
IRDM.118VMY	PI20054265	9/9/2005		
IRDM.119VMY	PI20054547	9/27/2005		
IRDM.126QMY	PI20054269	9/9/2005		
IRDM.145VMY	PI20053865	8/17/2005		
IRDM.146VMY	PI20053304	7/19/2005		
IRDM.147VMY	PI20054167	9/5/2005		
IRDM.148VMY	PI20054499	9/23/2005		
IRDM.150VMY	PI20054495	9/23/2005		
IRDM.152VMY1	PI20054424	9/21/2005		
IRDM.152VMY2	PI20054423	9/21/2005		
IRDM.152VMY3	PI20054422	9/21/2005		
IRDM.152VMY4	PI20054420	9/21/2005		
IRDM.152VMY5	PI20054421	9/21/2005		
IRDM.155VMY	PI20054180	9/5/2005		
IRDM.166VMY	PI20054446	9/22/2005		
IRDM.167VMY	PI20054369	9/16/2005		
IRDM.167VMY2	PI20054359	9/16/2005		
IRDM.169VMY	PI20054270	9/9/2005		
IRDM.186VMY	PI20054494	9/23/2005		
IRDM.187VMY	PI20054170	9/5/2005		
IRDM.189VMY	PI20054443	9/22/2005		
IRDM.190VMY	PI20054360	9/16/2005		
IRDM.193VMY	PI20054546	9/27/2005		

EXHIBIT K
Russian Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.003VRU	2006135114	2/28/2005		
IRDM.005VRU	2006142703	4/20/2005		
IRDM.009VRU	2005129904	9/26/2005		
IRDM.010VRU	2006131568	2/2/2005		
IRDM.011VRU	2005129925	9/26/2005		
IRDM.012VRU	2005129954	9/26/2005		
IRDM.015VRU	2005129926	9/26/2005		
IRDM.016VRU	2006135227	2/25/2005		
IRDM.018VRU	2005129851	9/26/2005		
IRDM.019VRU	2005129848	9/26/2005		
IRDM.020VRU	2005129977	9/26/2005		
IRDM.021VRU	2007115881	8/26/2005		
IRDM.022VRU2	2007111127	8/23/2005		
IRDM.023VRU2	2005127032	8/26/2005		
IRDM.026VRU2	2005127028	8/26/2005		
IRDM.028VRU	2005129911	9/26/2005		
IRDM.029HRU	2006108553	8/12/2004	4/10/09	2351969
IRDM.030VRU	2005129860	9/26/2005		
IRDM.032VRU	2007115926	8/22/2005		
IRDM.033VRU	2005129913	9/26/2005		
IRDM.034VRU	2005129945	9/26/2005		
IRDM.035VRU	2005129915	9/26/2005		
IRDM.036VRU	2007115924	8/29/2005		
IRDM.038VRU	2005127029	8/26/2005		
IRDM.039VRU	2005129862	9/26/2005		
IRDM.041VRU	2005129931	9/26/2005		
IRDM.042VRU	2005129930	9/26/2005		
IRDM.044VRU	2005129912	9/26/2005		
IRDM.045VRU	2005129902	9/26/2005		
IRDM.046VRU	2005129951	9/26/2005		
IRDM.047VRU	2005129957	9/26/2005		
IRDM.048VRU	2005129916	9/26/2005		
IRDM.049VRU	2005129901	9/26/2005		
IRDM.051VRU	2005129955	9/26/2005		
IRDM.052VRU	2005129946	9/26/2005		
IRDM.053VRU	2005129922	9/26/2005		
IRDM.054VRU	2005129846	9/26/2005		
IRDM.055VRU	2005129863	9/26/2005		
IRDM.057VRU1	2005129845	9/26/2005		
IRDM.057VRU2	2005129956	9/26/2005		
IRDM.058VRU	2005129962	9/26/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.059VRU1	2005129651	9/22/2005		
IRDM.059VRU2	2005129652	9/22/2005		
IRDM.060VRU	2005129947	9/26/2005		
IRDM.063VRU2	2007115904	9/23/2005		
IRDM.064VRU3	2007115880	9/23/2005		
IRDM.065VRU1	2005129978	9/26/2005		
IRDM.065VRU2	2005129979	9/26/2005		
IRDM.066VRU	2007115909	9/1/2005		
IRDM.067VRU	2005129914	9/26/2005		
IRDM.068VRU	2005129853	9/26/2005		
IRDM.069VRU	2005129944	9/26/2005		
IRDM.070VRU	2005129910	9/26/2005		
IRDM.071VRU	2005129921	9/26/2005		
IRDM.074VRU	2005129924	9/26/2005		
IRDM.075VRU	2005129908	9/26/2005		
IRDM.078VRU	2005129949	9/26/2005		
IRDM.080VRU	2005129980	9/26/2005		
IRDM.081VRU	2005129943	9/26/2005		
IRDM.083VRU	2005129864	9/26/2005		
IRDM.086VRU	2005129903	9/26/2005		
IRDM.089VRU	2007110165	8/22/2005		
IRDM.092VRU	2005129981	9/26/2005		
IRDM.094VRU	2005129919	9/26/2005		
IRDM.096VRU	2005129861	9/26/2005		
IRDM.097VRU	2005129850	9/26/2005		
IRDM.098VRU	2005129948	9/26/2005		
IRDM.101VRU	2005129923	9/26/2005		
IRDM.102VRU	2007115891	9/15/2005		
IRDM.106VRU	2005129927	9/26/2005		
IRDM.107VRU	2005129950	9/26/2005		
IRDM.108VRU	2005129852	9/26/2005		
IRDM.109VRU	2005129907	9/26/2005		
IRDM.110VRU	2005129928	9/26/2005		
IRDM.111VRU	2005129952	9/26/2005		
IRDM.112VRU	2005129918	9/26/2005		
IRDM.114QRU	2005129847	9/26/2005		
IRDM.115VRU	2005129906	9/26/2005		
IRDM.117VRU	2005129849	9/26/2005		
IRDM.118VRU	2007115911	8/30/2005		
IRDM.125VRU	2005102486	6/27/2003	1/20/09	2344450
IRDM.126QRU	2007115882	8/30/2005		

EXHIBIT K
Russian Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.126VRU	2005111765	9/18/2003	2/27/09	2348088
IRDM.129VRU	2006124545	11/22/2004		
IRDM.146VRU	2005129920	9/26/2005		
IRDM.166VRU	2007115885	9/14/2005		
IRDM.167VRU	2007115913	9/9/2005		
IRDM.189VRU	2007115895	9/14/2005		
IRDM.190VRU	2007115925	9/8/2005		

EXHIBIT L
Singapore Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.002VSG	200605202-1	1/26/2005		
IRDM.008VRSG	200706523-8	4/20/2005		
IRDM.008VSG	200607466-0	4/20/2005	6/30/09	127066
IRDM.009VSG	200505319-4	8/22/2005		
IRDM.010VRSG	200900703-0	2/2/2005		
IRDM.010VSG	200605005-8	2/2/2005	3/31/09	124196
IRDM.011VSG	200504618-0	7/25/2005		
IRDM.012VSG	200504669-3	7/27/2005		
IRDM.015VSG	200504531-5	7/20/2005		
IRDM.017QSG	200700477-3	7/25/2005		
IRDM.018VSG	200504670-1	7/27/2005		
IRDM.019VSG	200505567-8	8/31/2005		
IRDM.020VSG	200504524-0	7/20/2005		
IRDM.021VSG	200701874-0	8/26/2005		
IRDM.022VSG2	200700910-3	8/23/2005		
IRDM.023VSG2	200504672-7	7/27/2005		
IRDM.026VSG2	200505162-8	8/15/2005		
IRDM.028VSG	200505579-3	8/31/2005		
IRDM.029HSG	200602591-0	8/12/2004	9/30/08	121541
IRDM.030VSG	200505241-0	8/17/2005		
IRDM.033VSG	200505164-4	8/15/2005		
IRDM.034VSG	200506017-3	9/19/2005		
IRDM.035VSG	200505163-6	8/15/2005		
IRDM.038VRSG	200801595-0	8/15/2005		
IRDM.038VSG	200505161-0	8/15/2005	3/31/08	120269
IRDM.039VSG	200505913-4	9/14/2005		
IRDM.040VSG	200701873-2	9/9/2005		
IRDM.041VSG	200506021-5	9/19/2005		
IRDM.042VSG	200505427-5	8/25/2005		
IRDM.043VSG	200701868-2	8/22/2005		
IRDM.044VSG	200504673-5	7/27/2005		
IRDM.045VSG	200506022-3	9/19/2005		
IRDM.046VSG	200506023-1	9/19/2005		
IRDM.047VSG	200504617-2	7/26/2005	4/30/08	121042
IRDM.048VSG	200505837-5	9/12/2005		
IRDM.049VSG	200505580-1	8/31/2005		
IRDM.050VSG	200702195-9	9/14/2005		
IRDM.051VSG	200504623-0	7/26/2005		
IRDM.052VSG	200505840-9	9/12/2005		
IRDM.053VSG	200505806-0	9/12/2005		
IRDM.054VSG	200506100-7	9/22/2005		

EXHIBIT L
Singapore Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.055VSG	200506061-1	9/21/2005		
IRDM.057VSG1	200505240-2	8/17/2005		
IRDM.057VSG2	200505320-2	8/22/2005		
IRDM.058VSG	200505242-8	8/17/2005		
IRDM.059VSG1	200506079-3	9/21/2005		
IRDM.059VSG2	200506085-0	9/21/2005		
IRDM.060VSG	200504622-2	7/26/2005		
IRDM.065VSG1	200506116-3	9/22/2005		
IRDM.065VSG2	200505914-2	9/14/2005		
IRDM.067VSG	200505917-5	9/14/2005		
IRDM.068VSG	200506117-1	9/22/2005		
IRDM.069VSG	200506118-9	9/22/2005		
IRDM.070VSG	200504675-0	7/27/2005		
IRDM.071VSG	200505838-3	9/12/2005		
IRDM.074VSG	200505084-4	8/10/2005		
IRDM.075VSG	200505581-9	8/31/2005		
IRDM.078VSG	200505323-6	8/22/2005		
IRDM.080VSG	200505988-6	9/16/2005		
IRDM.081VSG	200506119-7	9/22/2005		
IRDM.083VSG	200505239-4	8/17/2005		
IRDM.086VSG	200505429-1	8/25/2005		
IRDM.087VSG	200701872-4	8/24/2005		
IRDM.089VSG	200701863-3	8/22/2005		
IRDM.090VSG	200702115-7	8/29/2005		
IRDM.092VSG	200505915-9	9/14/2005		
IRDM.094VSG	200505918-3	9/14/2005		
IRDM.096VSG	200504626-3	7/26/2005		
IRDM.097VSG	200506120-5	9/22/2005		
IRDM.098VSG	200505087-7	8/10/2005		
IRDM.101VSG	200505839-1	9/12/2005		
IRDM.103VSG	200702114-0	9/14/2005		
IRDM.104VSG	200702117-3	8/23/2005		
IRDM.106VSG	200506121-3	9/22/2005		
IRDM.107VSG	200505134-7	8/11/2005		
IRDM.108VSG	200505322-8	8/22/2005		
IRDM.109VSG	200506122-1	9/22/2005		
IRDM.110VSG	200505435-8	8/25/2005		
IRDM.111VSG	200505916-7	9/14/2005		
IRDM.112VSG	200505956-3	9/15/2005		
IRDM.113VSG	200702118-1	9/22/2005		
IRDM.114QSG	200506123-9	9/22/2005		

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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.115VSG	200506124-7	9/22/2005		
IRDM.117VSG	200505436-6	8/25/2005		
IRDM.125VSG	200407629-5	6/27/2003	1/31/07	108721
IRDM.126QSG	200702194-2	8/30/2005		
IRDM.126VSG	200501637-3	9/18/2003	6/29/07	111383
IRDM.129VSG	200603852-5	11/22/2004	12/31/08	123121
IRDM.146VSG	200504530-7	7/20/2005		
IRDM.166VSG	200702188-4	9/14/2005		
IRDM.167VSG2	200702112-4	9/13/2005		
IRDM.186VSG	200702191-8	9/20/2005		

EXHIBIT M
Taiwan (R.O.C.) Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.001VRTW	096150921	3/3/2005		
IRDM.001VTW	094106473	3/3/2005		
IRDM.002VTW	094103306	2/3/2005	4/21/06	I253624
IRDM.003VTW	094106671	3/4/2005		
IRDM.004VTW	093133321	11/2/2004		
IRDM.005VTW	094114423	5/4/2005	5/1/08	I296264
IRDM.006VTW	094122380	7/1/2005	4/21/07	I279919
IRDM.007VTW	094114422	5/4/2005	9/1/07	I286124
IRDM.008VTW	094114334	5/4/2005	12/11/07	I291219
IRDM.009VTW	094130562	9/6/2005		
IRDM.010VRTW	098106746	2/3/2005		
IRDM.010VTW	094103300	2/3/2005		
IRDM.011VTW	094127142	8/10/2005		
IRDM.012VTW	094131860	9/15/2005		
IRDM.015VTW	094127027	8/9/2005		
IRDM.016VTW	094106656	3/4/2005		
IRDM.017QTW	094125846	7/29/2005		
IRDM.018VTW	094130586	9/6/2005		
IRDM.019VTW	094128420	8/19/2005		
IRDM.020VTW	094127033	8/9/2005		
IRDM.021VTW	094131849	9/15/2005		
IRDM.022VTW2	094129408	8/26/2005		
IRDM.023VTW1	094129402	8/26/2005		
IRDM.023VTW2	094129405	8/26/2005		
IRDM.026VTW2	094127806	8/16/2005		
IRDM.028VTW	094127802	8/16/2005		
IRDM.029HTW	93124794	8/18/2004		
IRDM.030VTW	094127353	8/11/2005		
IRDM.031QTW	88105551	4/7/1999		
IRDM.031QTD	89113021	4/7/1999	3/5/03	NI165294
IRDM.032VTW	094131696	9/14/2005		
IRDM.033VTW	094127355	8/11/2005		
IRDM.034VTW	094130885	9/8/2005		
IRDM.035QTW	097124767	7/1/2008		
IRDM.035VTW	094129141	8/25/2005		
IRDM.036VTW	094131200	9/9/2005		
IRDM.038VTW	094127801	8/16/2005		
IRDM.039VTW	094132370	9/19/2005		
IRDM.040VTW	094132854	9/22/2005		
IRDM.041VTW	094129587	8/30/2005		
IRDM.042VTW	094127978	8/17/2005		

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Taiwan (R.O.C.) Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.043VTW	094130741	9/7/2005		
IRDM.044VTW	094130567	9/6/2005		
IRDM.045VTW	094130570	9/6/2005		
IRDM.046VTW	094131154	9/9/2005		
IRDM.047VTW	094127143	8/10/2005		
IRDM.048QTW	097124769	7/1/2008		
IRDM.048VTW	094128428	8/19/2005		
IRDM.049VTW	094132519	9/20/2005		
IRDM.050VTW	094133410	9/26/2005		
IRDM.051VTW	094127184	8/10/2005		
IRDM.052VTW	094131189	9/9/2005		
IRDM.053VTW	094129173	8/26/2005		
IRDM.054VTW	094132830	9/22/2005		
IRDM.055VTW	094132853	9/22/2005		
IRDM.056QRTW	95139009	3/22/2002		
IRDM.056QTW	91105559	3/22/2002		
IRDM.057VTW1	094127351	8/11/2005		
IRDM.057VTW2	094128462	8/19/2005		
IRDM.058VTW	094127335	8/11/2005		
IRDM.059VTW1	094132843	9/22/2005		
IRDM.059VTW2	094132842	9/22/2005		
IRDM.060VTW	094127145	8/10/2005		
IRDM.061VTW	094133407	9/26/2005		
IRDM.062VTW	094133186	9/23/2005		
IRDM.063VTW1	094133291	9/26/2005		
IRDM.063VTW2	094133283	9/26/2005		
IRDM.064VTW2	094132358	9/19/2005		
IRDM.064VTW3	094133287	9/26/2005		
IRDM.065VTW1	094132579	9/21/2005		
IRDM.065VTW2	094129534	8/29/2005		
IRDM.066VTW	094132213	9/16/2005		
IRDM.067VTW	094131861	9/15/2005		
IRDM.068VTW	094132190	9/16/2005		
IRDM.069VTW	094132183	9/16/2005		
IRDM.070VTW	094129121	8/25/2005		
IRDM.071VTW	094129535	8/29/2005		
IRDM.073VTW	094132357	9/19/2005		
IRDM.074VTW	094128419	8/19/2005		
IRDM.075VTW	094129132	8/25/2005		
IRDM.078VTW	094129118	8/25/2005		
IRDM.080VTW	094129533	8/29/2005		

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Taiwan (R.O.C.) Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.081VTW	094132185	9/16/2005		
IRDM.082VTW	094130736	9/7/2005		
IRDM.083VTW	094127977	8/17/2005		
IRDM.086VTW	094130564	9/6/2005		
IRDM.087VTW	094130590	9/6/2005		
IRDM.089VTW	094130740	9/7/2005		
IRDM.090VTW	094131841	9/15/2005		
IRDM.091VTW	094133285	9/26/2005		
IRDM.092VTW	094131862	9/15/2005		
IRDM.093VTW	094130738	9/7/2005		
IRDM.094VTW	094132193	9/16/2005		
IRDM.095VTW	094133177	9/23/2005		
IRDM.096VTW	094127155	8/10/2005		
IRDM.097VTW	094132191	9/16/2005		
IRDM.098VTW	094127357	8/11/2005		
IRDM.101VTW	094130566	9/6/2005		
IRDM.102VTW	094133411	9/26/2005		
IRDM.103VTW	094133426	9/26/2005		
IRDM.104VTW	094130432	9/5/2005		
IRDM.105VTW	094131721	9/14/2005		
IRDM.106VTW	094132580	9/21/2005		
IRDM.107VTW	094127807	8/16/2005		
IRDM.108VTW	094129122	8/25/2005		
IRDM.109VTW	094132520	9/20/2005		
IRDM.110VTW	094127805	8/16/2005		
IRDM.111VTW	094130886	9/8/2005		
IRDM.112VTW	094131859	9/15/2005		
IRDM.113VTW	094133409	9/26/2005		
IRDM.114QTV	094132578	9/21/2005		
IRDM.115VTW	094129849	8/31/2005		
IRDM.116VTW	094131148	9/9/2005		
IRDM.117VTW	094129586	8/30/2005		
IRDM.118VTW	094132188	9/16/2005		
IRDM.119VTW	094133427	9/26/2005		
IRDM.126QTV	094131698	9/14/2005		
IRDM.126VTW	92125860	9/19/2003	11/11/07	1289538
IRDM.129VTW	093136739	11/29/2004	4/11/06	1253041
IRDM.145VTW	094128946	8/24/2005		
IRDM.146VTW	094127031	8/9/2005		
IRDM.147VTW	094130739	9/7/2005		
IRDM.148VTW	094133292	9/26/2005		

EXHIBIT M
Taiwan (R.O.C.) Patents and Patent Applications
IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.150VTW	094133284	9/26/2005		
IRDM.152VTW1	094133096	9/23/2005		
IRDM.152VTW2	094133094	9/23/2005		
IRDM.152VTW3	094133126	9/23/2005		
IRDM.152VTW4	094133095	9/23/2005		
IRDM.152VTW5	094133097	9/23/2005		
IRDM.155VTW	094131719	9/14/2005		
IRDM.166VTW	094133193	9/23/2005		
IRDM.167VTW	094132852	9/22/2005		
IRDM.167VTW2	094132829	9/22/2005		
IRDM.169VTW	094132663	9/21/2005		
IRDM.186VTW	094133286	9/26/2005		
IRDM.187VTW	094131854	9/15/2005		
IRDM.189VTW	094133425	9/26/2005		
IRDM.190VTW	094133408	9/26/2005		
IRDM.193VTW	094133428	9/26/2005		
IRDM.202VTW	096128482	8/2/2007		
IRDM.203VTW	095139680	10/27/2006		
IRDM.209VTW	095148028	12/20/2006		

EXHIBIT N
Vietnamese Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.003VVN	1-2006-01629	2/28/2005		
IRDM.005VVN	1-2006-01994	4/20/2005	5/25/09	7734
IRDM.009VVN	1-2005-01344	9/26/2005		
IRDM.010VVN	1-2006-01453	2/2/2005		
IRDM.011VVN	1-2005-01368	9/26/2005		
IRDM.012VVN	1-2005-01386	9/26/2005		
IRDM.015VVN	1-2005-01357	9/26/2005		
IRDM.016VVN	1-2006-01640	2/25/2005		
IRDM.018VVN	1-2005-01387	9/26/2005		
IRDM.019VVN	1-2005-01395	9/26/2005		
IRDM.020VVN	1-2005-01358	9/26/2005		
IRDM.021VVN	1-2007-00812	8/26/2005		
IRDM.022VVN2	1-2007-00628	8/23/2005		
IRDM.023VVN2	1-2005-01206	8/26/2005		
IRDM.026VVN2	1-2005-01205	8/26/2005		
IRDM.028VVN	1-2005-01363	9/26/2005		
IRDM.029HVN	1-2006-00422	8/12/2004		
IRDM.030VVN	1-2005-01373	9/26/2005		
IRDM.032VVN	1-2007-00824	8/22/2005		
IRDM.033VVN	1-2005-01394	9/26/2005		
IRDM.034VVN	1-2005-01381	9/26/2005		
IRDM.035VVN	1-2005-01393	9/26/2005		
IRDM.036VVN	1-2007-00828	8/29/2005		
IRDM.038VVN	1-2005-01207	8/26/2005		
IRDM.039VVN	1-2005-01382	9/26/2005		
IRDM.041VVN	1-2005-01366	9/26/2005		
IRDM.042VVN	1-2005-01365	9/26/2005		
IRDM.044VVN	1-2005-01388	9/26/2005		
IRDM.045VVN	1-2005-01367	9/26/2005		
IRDM.046VVN	1-2005-01349	9/26/2005		
IRDM.047VVN	1-2005-01369	9/26/2005		
IRDM.048VVN	1-2005-01376	9/26/2005		
IRDM.049VVN	1-2005-01392	9/26/2005		
IRDM.051VVN	1-2005-01370	9/26/2005		
IRDM.052VVN	1-2005-01350	9/26/2005		
IRDM.053VVN	1-2005-01398	9/26/2005		
IRDM.054VVN	1-2005-01399	9/26/2005		
IRDM.055VVN	1-2005-01402	9/26/2005		
IRDM.057VVN1	1-2005-01374	9/26/2005		
IRDM.057VVN2	1-2005-01362	9/26/2005		
IRDM.058VVN	1-2005-01391	9/26/2005		

EXHIBIT N
Vietnamese Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.059VVN1	1-2005-01354	9/26/2005		
IRDM.059VVN2	1-2005-01356	9/26/2005		
IRDM.060VVN	1-2005-01371	9/26/2005		
IRDM.063VVN2	1-2007-00815	9/23/2005		
IRDM.064VVN3	1-2007-00820	9/23/2005		
IRDM.065VVN1	1-2005-01384	9/26/2005		
IRDM.065VVN2	1-2005-01378	9/26/2005		
IRDM.066VVN	1-2007-00822	9/1/2005		
IRDM.067VVN	1-2005-01351	9/26/2005		
IRDM.068VVN	1-2005-01353	9/26/2005		
IRDM.069VVN	1-2005-01401	9/26/2005		
IRDM.070VVN	1-2005-01389	9/26/2005		
IRDM.071VVN	1-2005-01377	9/26/2005		
IRDM.074VVN	1-2005-01396	9/26/2005		
IRDM.075VVN	1-2005-01364	9/26/2005		
IRDM.078VVN	1-2005-01342	9/26/2005		
IRDM.080VVN	1-2005-01348	9/26/2005		
IRDM.081VVN	1-2005-01383	9/26/2005		
IRDM.083VVN	1-2005-01375	9/26/2005		
IRDM.086VVN	1-2005-01345	9/26/2005		
IRDM.089VVN	1-2007-00821	8/22/2005		
IRDM.092VVN	1-2005-01400	9/26/2005		
IRDM.094VVN	1-2005-01390	9/26/2005		
IRDM.096VVN	1-2005-01372	9/26/2005		
IRDM.097VVN	1-2005-01385	9/26/2005		
IRDM.098VVN	1-2005-01360	9/26/2005		
IRDM.101VVN	1-2005-01397	9/26/2005		
IRDM.102VVN	1-2007-00816	9/15/2005		
IRDM.106VVN	1-2005-01407	9/26/2005		
IRDM.107VVN	1-2005-01361	9/26/2005		
IRDM.108VVN	1-2005-01343	9/26/2005		
IRDM.109VVN	1-2005-01355	9/26/2005		
IRDM.110VVN	1-2005-01347	9/26/2005		
IRDM.111VVN	1-2005-01352	9/26/2005		
IRDM.112VVN	1-2005-01379	9/26/2005		
IRDM.114QVN	1-2005-01403	9/26/2005		
IRDM.115VVN	1-2005-01380	9/26/2005		
IRDM.117VVN	1-2005-01346	9/26/2005		
IRDM.118VVN	1-2007-00817	8/30/2005		
IRDM.125VVN	1-2005-00101	6/27/2003	3/6/07	6204
IRDM.126QVN	1-2007-00813	8/30/2005		

EXHIBIT N
Vietnamese Patents and Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date	Issue Date	Patent No.
IRDM.126VVN	1-2005-00505	9/18/2003		
IRDM.129VVN	1-2006-01126	11/22/2004		
IRDM.146VVN	1-2005-01359	9/26/2005		
IRDM.166VVN	1-2007-00818	9/14/2005		
IRDM.167VVN	1-2007-00814	9/9/2005		
IRDM.189VVN	1-2007-00819	9/14/2005		
IRDM.190VVN	1-2007-00823	9/8/2005		

EXHIBIT O
Australian Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date
IRDM.001VAU	2005218462	2/25/2005
IRDM.006VAU	2005270186	6/24/2005
IRDM.009VAU	2005203572	8/9/2005
IRDM.010VAU	2005209752	2/2/2005
IRDM.011VAU	2005203283	7/27/2005
IRDM.012VAU	2005203364	7/27/2005
IRDM.015VAU	2005203231	7/25/2005
IRDM.018VAU	2005203318	7/28/2005
IRDM.019VAU	2005203377	8/1/2005
IRDM.020VAU	2005203319	7/28/2005
IRDM.021VAU	2005290101	8/26/2005
IRDM.022VAU2	2005280270	8/23/2005
IRDM.023VAU1	2005280393	8/16/2005
IRDM.023VAU2	2005203198	7/22/2005
IRDM.026VAU2	2005203651	8/16/2005
IRDM.028VAU	2005203552	8/10/2005
IRDM.029HAU	2004266407	8/12/2004
IRDM.030VAU	2005203431	8/3/2005
IRDM.033VAU	2005203378	8/1/2005
IRDM.034VAU	2005205782	9/2/2005
IRDM.035VAU	2005203376	8/1/2005
IRDM.038VAU	2005203652	8/16/2005
IRDM.039VAU	2005205849	9/7/2005
IRDM.041VAU	2005204304	8/30/2005
IRDM.042VAU	2005203555	8/10/2005
IRDM.044VAU	2005203281	7/27/2005
IRDM.045VAU	2005204303	8/30/2005
IRDM.046VAU	2005204551	8/31/2005
IRDM.047VAU	2005203282	7/27/2005
IRDM.048VAU	2005203726	8/19/2005
IRDM.049VAU	2005203345	7/29/2005
IRDM.051VAU	2005203257	7/26/2005
IRDM.052VAU	2005204607	8/31/2005
IRDM.053VAU	2005203700	8/17/2005
IRDM.054VAU	2005211623	9/21/2005
IRDM.055VAU	2005209661	9/12/2005
IRDM.057VAU1	2005203430	8/3/2005
IRDM.057VAU2	2005203548	8/10/2005
IRDM.058VAU	2005203343	7/29/2005
IRDM.059VAU1	2005211604	9/20/2005
IRDM.059VAU2	2005211603	9/20/2005

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Attorney Docket No.	Application No.	Filing Date
IRDM.060VAU	2005203320	7/28/2005
IRDM.062VAU	2005289996	9/8/2005
IRDM.063VAU1	2005289695	9/23/2005
IRDM.064VAU2	2005290034	8/31/2005
IRDM.065VAU1	2005209699	9/14/2005
IRDM.065VAU2	2005204236	8/25/2005
IRDM.067VAU	2005209574	9/7/2005
IRDM.068VAU	2005209700	9/14/2005
IRDM.069VAU	2005205831	9/6/2005
IRDM.070VAU	2005203284	7/27/2005
IRDM.071VAU	2005203672	8/17/2005
IRDM.074VAU	2005203379	8/1/2005
IRDM.075VAU	2005203551	8/10/2005
IRDM.078VAU	2005203432	8/3/2005
IRDM.080VAU	2005204263	8/26/2005
IRDM.081VAU	2005211624	9/21/2005
IRDM.083VAU	2005203429	8/3/2005
IRDM.086VAU	2005203530	8/9/2005
IRDM.089VAU	2005290164	8/22/2005
IRDM.092VAU	2005204262	8/26/2005
IRDM.093VAU	2005290163	8/22/2005
IRDM.094VAU	2005204240	8/25/2005
IRDM.096VAU	2005203258	7/26/2005
IRDM.097VAU	2005209698	9/14/2005
IRDM.098VAU	2005203346	7/29/2005
IRDM.101VAU	2005203725	8/19/2005
IRDM.105VAU	2005290045	9/1/2005
IRDM.106VAU	2005211605	9/20/2005
IRDM.107VAU	2005203339	7/29/2005
IRDM.108VAU	2005203433	8/3/2005
IRDM.109VAU	2005211601	9/20/2005
IRDM.110VAU	2005203560	8/8/2005
IRDM.111VAU	2005209573	9/7/2005
IRDM.112VAU	2005204260	8/26/2005
IRDM.114QAU	2005211602	9/20/2005
IRDM.115VAU	2005204393	8/31/2005
IRDM.116VAU	2005290107	8/26/2005
IRDM.117VAU	2005203529	8/9/2005
IRDM.119VAU	2005289445	9/26/2005
IRDM.125VAU	2003247815	6/27/2003
IRDM.126QAU	2005290030	8/30/2005

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Attorney Docket No.	Application No.	Filing Date
IRDM.126VAU	2003275194	9/18/2003
IRDM.129VAU	2004304303	11/22/2004
IRDM.145VAU	2005280271	8/23/2005
IRDM.146VAU	2005203233	7/25/2005
IRDM.166VAU	2005289966	9/14/2005
IRDM.169VAU	2005290035	8/31/2005
IRDM.187VAU	2005290100	8/25/2005

EXHIBIT P
Israeli Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date
IRDM.001VIL	177530	2/25/2005
IRDM.006VIL	179983	6/24/2005
IRDM.009VIL	170103	8/4/2005
IRDM.010VIL	177048	2/2/2005
IRDM.011VIL	169745	7/18/2005
IRDM.012VIL	169753	7/18/2005
IRDM.015VIL	169746	7/18/2005
IRDM.018VIL	169754	7/18/2005
IRDM.019VIL	169940	7/27/2005
IRDM.020VIL	169749	7/18/2005
IRDM.021VIL	181001	8/26/2005
IRDM.022VIL2	181133	8/23/2005
IRDM.023VIL1	180595	8/16/2005
IRDM.023VIL2	169750	7/18/2005
IRDM.026VIL2	170259	8/11/2005
IRDM.028VIL	170160	8/8/2005
IRDM.029HIL	173672	8/12/2004
IRDM.030VIL	169999	7/31/2005
IRDM.033VIL	169941	7/27/2005
IRDM.034VIL	170644	9/4/2005
IRDM.035VIL	169936	7/27/2005
IRDM.038VIL	170257	8/11/2005
IRDM.039VIL	170649	9/4/2005
IRDM.041VIL	170460	8/23/2005
IRDM.042VIL	170159	8/8/2005
IRDM.044VIL	169752	7/18/2005
IRDM.045VIL	170464	8/23/2005
IRDM.046VIL	170550	8/29/2005
IRDM.047VIL	169751	7/18/2005
IRDM.048VIL	170463	8/23/2005
IRDM.049VIL	169937	7/27/2005
IRDM.051VIL	169743	7/18/2005
IRDM.052VIL	170553	8/29/2005
IRDM.053VIL	170469	8/23/2005
IRDM.054VIL	170774	9/8/2005
IRDM.055VIL	170816	9/12/2005
IRDM.057VIL1	170001	7/31/2005
IRDM.057VIL2	170054	8/2/2005
IRDM.058VIL	169938	7/27/2005
IRDM.059VIL1	170845	9/13/2005
IRDM.059VIL2	170846	9/13/2005

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Attorney Docket No.	Application No.	Filing Date
IRDM.060VIL	169744	7/18/2005
IRDM.062VIL	181905	9/8/2005
IRDM.063VIL1	181232	9/23/2005
IRDM.064VIL2	180798	8/31/2005
IRDM.065VIL1	170844	9/13/2005
IRDM.065VIL2	170433	8/22/2005
IRDM.067VIL	170645	9/4/2005
IRDM.068VIL	170777	9/8/2005
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IRDM.070VIL	169742	7/18/2005
IRDM.071VIL	170470	8/23/2005
IRDM.074VIL	169939	7/27/2005
IRDM.075VIL	170158	8/8/2005
IRDM.078VIL	170050	8/2/2005
IRDM.080VIL	170466	8/23/2005
IRDM.081VIL	170773	9/8/2005
IRDM.083VIL	170000	7/31/2005
IRDM.086VIL	170156	8/8/2005
IRDM.089VIL	180910	8/22/2005
IRDM.092VIL	170465	8/23/2005
IRDM.093VIL	180926	8/22/2005
IRDM.094VIL	170432	8/22/2005
IRDM.096VIL	169748	7/18/2005
IRDM.097VIL	170785	9/11/2005
IRDM.098VIL	169798	7/20/2005
IRDM.101VIL	170549	8/29/2005
IRDM.105VIL	181458	9/1/2005
IRDM.106VIL	170871	9/12/2005
IRDM.107VIL	169799	7/20/2005
IRDM.108VIL	170051	8/2/2005
IRDM.109VIL	170847	9/13/2005
IRDM.110VIL	170104	8/4/2005
IRDM.111VIL	170646	9/4/2005
IRDM.112VIL	170434	8/22/2005
IRDM.114QIL	170843	9/13/2005
IRDM.115VIL	170552	8/29/2005
IRDM.116VIL	181037	8/26/2005
IRDM.117VIL	170105	8/4/2005
IRDM.119VIL	177634	9/26/2005
IRDM.125VIL	166052	6/27/2003
IRDM.126QIL	181616	8/30/2005

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Israeli Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date
IRDM.126VIL	167444	9/18/2003
IRDM.129VIL	175903	11/22/2004
IRDM.129VR1IL	Unknown	11/22/2004
IRDM.129VR2IL	Unknown	11/22/2004
IRDM.145VIL	180970	8/23/2005
IRDM.146VIL	169747	7/18/2005
IRDM.166VIL	181459	9/14/2005
IRDM.169VIL	180969	8/31/2005
IRDM.187VIL	181714	8/25/2005

EXHIBIT Q
PCT Patent Applications

IDC, LLC -- QUALCOMM MEMS Technologies, Inc.
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Attorney Docket No.	Application No.	Filing Date
IRDM.035QPC	PCT/US2008/068062	6/24/2008
IRDM.048QPC	PCT/US2008/068063	6/24/2008