Client Code: QCO.000GEN

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	7
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QUALCOMM MEMS Technologies, Inc.	Name: QUALCOMM Incorporated
Additional name(s) of conveying party(ies)	Internal Address:
attached?	Street Address: 5775 Morehouse Drive
() Yes (X) No	City: San Diego State: CA
	ZIP : 92121
	Additional names of receiving parties attached?
3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name	() Yes (X) No
() Other: Execution Date:	 US or PCT Application number or US Patent number:
May 23, 2007 and June 1, 2007	Patent Application No.: (Per Attached List) Filing Date:
	Additional numbers attached? (Per Attached List)
Party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 115
Customer No. 59,747	
Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502	
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PATENT REEL: 019493 FRAME: 0860

Registration No.

EXHIBIT A
Assignment from QUALCOMM MEMS Technologies, Inc. to QUALCOMM Incorporated

Application No.	Filing Date:	Title of Invention:	KMOB Ref.	QMT Ref:
11/367098	3/2/2006	METHODS FOR PRODUCING MEMS WITH	QCO.017A	050279
		PROTECTIVE COATINGS USING MULTI-		***
The State of the S		COMPONENT SACRIFICIAL LAYERS		
11/145416	6/3/2005	INTERFEROMETRIC MODULATOR WITH	QCQ.021A	050351
		INTERNAL POLARIZATION AND DRIVE		
		METHOD	222	
11/413239	4/28/2006	SYSTEM AND METHOD OF DRIVING A	QCO.029A	050535
00/070004	r/r/ocor	MEMS DISPLAY DEVICE	QCO.029PR	ACREAGA4
60/678361	5/5/2005	SYSTEM AND METHOD FOR DRIVING A	QC0.029PR	050535P1
11/429571	5/5/2006	MEMS DISPLAY DEVICE DYNAMIC DRIVER IC AND DISPLAY	QCQ.030A	050653
11/423011	3/3/2000	PANEL CONFIGURATION	QQQ,030A	000000
60/678482	5/5/2005	DYNAMIC DRIVER IC AND DISPLAY	QC0.030PR	050653P1
03/070402	3/3/2000	PANEL CONFIGURATION	QQ0.0001 (V	0000001
11/404449	4/14/2006	SYSTEMS AND METHODS OF ACTUATING	QCO.031A	050386
	The Control of the Control	MEMS DISPLAY ELEMENTS		
60/678473	5/5/2005	SYSTEM AND METHOD FOR DRIVING A	QCQ.031PR	050386P1
		MEMS DISPLAY DEVICE		
11/490880	7/21/2006	MEMS DEVICES HAVING OVERLYING	QCO.032A1	050851U1
		SUPPORT STRUCTURES AND METHODS		
44/104/100	704/0000	OF FABRICATING THE SAME	00000000	propertion
11/491490	7/21/2006	MEMS DEVICES HAVING SUPPORT	QCO.032A2	050851U2
		STRUCTURES AND METHODS OF		
60/701655	7/22/2005	FABRICATING THE SAME METHOD OF FABRICATING AN	QCO.032PR	050851P1
00/10/000	112212000	INTERFEROMETRIC MODULATOR	Contraction of the second of t	0000011 1
		COMPRISING RIGID SUPPORT		
		STRUCTURES		
11/491389	7/21/2006	SUPPORT STRUCTURE FOR MEMS	QCO.033A	051008
		DEVICE AND METHODS THEREFOR	-	
60/702080	7/22/2005	SUPPORT STRUCTURE FOR MEMS	QCO.033PR	051008P1
		DEVICE		
11/506770	8/18/2006	METHODS FOR ETCHING LAYERS	QCO.034A1	050941U1
		WITHIN A MEMS DEVICE TO ACHIEVE A		
411500000	NIAN MAAA	TAPERED EDGE	000 00110	GEOGRANIO
11/506622	8/18/2006	METHODS FOR FORMING LAYERS	QCO.034A2	050941U2
		WITHIN A MEMS DEVICE USING LIFTOFF		
		PROCESSES TO ACHIEVE A TAPERED EDGE	***************************************	1
11/506600	8/18/2006	MEMS DEVICES HAVING SUPPORT	QCO.034A3	050941U3
11/500000	0/10/2000	STRUCTURES WITH SUBSTANTIALLY		00004100
		VERTICAL SIDEWALLS AND METHODS		
		FOR FABRICATING THE SAME		
11/506594	8/18/2006	MEMS DEVICE HAVING SUPPORT	QCO.034A4	050941U4
11.000034	QF 1012900	STRUCTURES CONFIGURED TO		
		MINIMIZE STRESS-RELATED	ļ	
		DEFORMATION AND METHODS FOR	COMPONENT	
		FABRICATING SAME		

EXHIBIT A
Assignment from QUALCOMM MEMS Technologies, Inc. to QUALCOMM incorporated

60/710019	8/19/2005	SUPPORT STRUCTURES FOR MEMS DEVICES AND METHODS FOR FORMING	QCO.034PR	050941P1
11/540485	9/29/2006	THE SAME MEMS DEVICE AND INTERCONNECTS FOR SAME	QCO.035A	051355
60/723540	9/30/2005	MEMS DEVICE HAVING INTERCONNECTS FORMED OF SACRIFICIAL MATERIAL	QCO.035PR	051355P1
60/718920	9/20/2005	ETCHING SYSTEM AND METHOD	QCO.037PR	050377P1
11/321134	12/29/2005	METHOD OF CREATING MEMS DEVICE CAVITIES BY A NON-ETCHING PROCESS	QCO 039A	050838
11/334990	1/18/2006	SILICON-RICH SILICON NITRIDES AS ETCH STOPS IN MEMS MANUFACTURE	QCO.040A	050987
11/360131	2/22/2006	ELECTRICAL CONDITIONING OF MEMS DEVICE AND INSULATING LAYER THEREOF	QCO.041A	051184
11/405116	4/17/2006	MODE INDICATOR FOR INTERFEROMETRIC MODULATOR DISPLAYS	QCO.043A	050188
11/673330	2/9/2007	METHOD AND SYSTEM FOR UPDATING OF DISPLAYS SHOWING DETERMINISTIC CONTENT	QCO,044A	050370
60/772613	2/10/2006	METHOD AND SYSTEM FOR UPDATING OF DISPLAYS SHOWING DETERMINISTIC CONTENT	QCO.044PR	050370P1
11/331705	1/13/2006	INTERCONNECT STRUCTURE FOR MEMS DEVICE	QCO.045A	050702
11/317421	12/22/2005	SYSTEM AND METHOD FOR POWER REDUCTION WHEN DECOMPRESSING VIDEO STREAMS FOR INTERFEROMETRIC MODULATOR DISPLAYS	QCO.046A	050576
11/296656	12/7/2005	METHOD AND SYSTEM FOR WRITING DATA TO MEMS DISPLAY ELEMENTS	QCO.048A	060012
11/401023	4/10/2006	INTERFEROMETRIC OPTICAL DISPLAY SYSTEM WITH BROADBAND CHARACTERISTICS	QCO.049A	051229
11/406776	4/19/2006	NON-PLANAR SURFACE STRUCTURES AND PROCESS FOR MICROELECTROMECHANICAL SYSTEMS	QCO.050A	051264
11/406981	4/19/2006	NON-PLANAR SURFACE STRUCTURES AND PROCESS FOR MICROELECTROMECHANICAL SYSTEMS	QCO.051A	051308
11/408866	4/19/2006	NON-PLANAR SURFACE STRUCTURES AND PROCESS FOR MICROELECTROMECHANICAL SYSTEMS	QCO.052A	051324
11/360162	2/23/2006	MEMS DEVICE HAVING A LAYER MOVABLE AT ASYMMETRIC RATES	QCO.053A	050618

EXHIBIT A
Assignment from QUALCOMM MEMS Technologies, Inc. to QUALCOMM Incorporated

11/439012	5/22/2006	BACK-TO-BACK DISPLAYS	QCO.054A	050427
11/358997	2/21/2006	METHOD FOR PROVIDING AND REMOVING DISCHARGING INTERCONNECT FOR CHIP-ON GLASS	QCO.055A	050730
		OUTPUT LEADS AND STRUCTURES THEREOF		
11/479865	6/29/2006	PASSIVE CIRCUITS FOR DE- MULTIPLEXING DISPLAY INPUTS	QCO.056A	051326
11/647822	12/29/2006	SWITCHES FOR SHORTING DURING MEMS ETCH RELEASE	QCO.057A	050857U1
11/648244	12/29/2006	PERIPHERAL SWITCHES FOR MEMS DISPLAY TEST	QCO.057A2	050857U2
11/656681	1/23/2007	MEMS DEVICE WITH INTEGRATED OPTICAL ELEMENT	QCO.058A	060187
60/762723	1/27/2006	MEMS DEVICE WITH INTEGRATED OPTICAL ELEMENT	QCO.058PR	0 60187P1
11/453633	6/15/2006	SYSTEM AND METHOD FOR PROVIDING RESIDUAL STRESS TEST STRUCTURES	QCO.059A	060216
60/757048	1/6/2006	SYSTEM AND METHOD FOR PROVIDING RESIDUAL STRESS TEST STRUCTURES	QCO.059PR	060216P
11/407730	4/19/2006	MICROELECTROMECHANICAL DEVICE AND METHOD UTILIZING NANOPARTICLES	QCO.060A	060004
11/407470	4/19/2006	MICROELECTROMECHANICAL DEVICE AND METHOD UTILIZING A POROUS SURFACE	QCO.061A	060032
11/445529	6/1/2006	PATTERNING OF MECHANICAL-LAYER IN MEMS TO REDUCE STRESSES AT SUPPORTS	QCO.062A	050985
11/416920	5/3/2006	ELECTRODE AND INTERCONNECT MATERIALS FOR MEMS DEVICES	QCO.063A	060024
11/445607	6/1/2006	PROCESS AND STRUCTURE FOR FABRICATION OF MEMS DEVICE HAVING ISOLATED EDGE POSTS	QCO.064A	060141
11/591809	11/2/2006	COMPATIBLE MEMS SWITCH ARCHITECTURE	QCO.065A	050424
11/454162	6/15/2006	METHOD AND APPARATUS FOR LOW RANGE BIT DEPTH ENHANCEMENT FOR MEMS DISPLAY ARCHITECTURES	QCO.066A	050946
11/595621	11/9/2006	TWO PRIMARY COLOR DISPLAY	QCO.067A	050648
11/472880	6/21/2006	SYSTEMS AND METHODS FOR DRIVING MEMS DISPLAY	QCO.068A	050340
11/478702	6/30/2006	METHOD OF MANUFACTURING MEMS DEVICES PROVIDING AIR GAP CONTROL	QCO.069A	051222
11/841649	12/19/2006	MEMS SWITCHES WITH DEFORMING MEMBRANES	QCO.076A	060209
11/504319	8/15/2006	HIGH PROFILE CONTACTS FOR MICROELECTROMECHANICAL SYSTEMS	QCO.071A	050855

EXHIBIT A
Assignment from QUALCOMM MEMS Technologies, Inc. to QUALCOMM Incorporated

	- 1 1- 1-1 - 1 - 1 - 1 - 1 - 1 - 1 - 1				
ſ	11/476317	6/28/2006	SUPPORT STRUCTURE FOR FREE-	QCO.072A	060310U1
			STANDING MEMS DEVICE AND METHODS	1	
			FOR FORMING THE SAME	}	
ĺ	11/476998	6/28/2006	SUPPORT STRUCTURE FOR FREE-	QCO,072A2	060310U2
			STANDING MEMS DEVICES AND		
			METHODS FOR FORMING THE SAME		1
П	10/249061	3/13/2003	OPTICAL INTERFERENCE TYPE PANEL	QCO.073A	061102
1			AND THE MANUFACTURING METHOD	1	
			THEREOF		
Γ	10/249243	3/26/2003	OPTICAL INTERFERENCE TYPE OF	QCO.074A	061103
			COLOR DISPLAY HAVING OPTICAL		
			DIFFUSION LAYER BETWEEN		
			SUBSTRATE AND ELECTRODE		
	10/711665	9/30/2004	OPTICAL INTERFERENCE TYPE OF	QCO.074DV1	061103D1
			COLOR DISPLAY		
	10/249244	3/26/2003	OPTICAL INTERFERENCE COLOR	QCO.075A	061104
			DISPLAY AND OPTICAL INTERFERENCE		
			MODULATOR		
	10/670734	9/26/2003	COLOR CHANGEABLE PIXEL	QCO.076A	061109
- I	10/901163	7/29/2004	COLOR CHANGEABLE PIXEL	QCO.076DV1	06110901
-	10/670737	9/26/2003	STRUCTURE OF A LIGHT-INCIDENCE	QCO.077A	061110
			ELECTRODE OF AN OPTICAL		
			INTERFERENCE DISPLAY PLATE		
-	10/705824	11/13/2003	METHOD FOR FABRICATING AN	QCO.078A	061106
	A March of Marchael Marchael A	1111312000	INTERFERENCE DISPLAY UNIT	400.010.	00,.00
-	10/713508	11/14/2003	METHOD FOR FABRICATING AN	QCO.079A	061108
	10,7 10000	, ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	INTERFERENCE DISPLAY UNIT	QOO.070/t	051100
1-	10/706923	11/14/2003	INTERFERENCE DISPLAY UNIT	QCO,080A	061107
	11/069938	3/3/2005	METHOD FOR FABRICATING AN	QCO.080DV1	061107D1
	1 17 000 000	0.0.200	INTERFERENCE DISPLAY UNIT	Q00.000V1	00110101
 	10/725585	12/3/2003	STRUCTURE OF A STRUCTURE RELEASE	QCO.081A	061111
Description	10.12.0000	1270/2003	AND A METHOD FOR MANUFACTURING	Q00.057/	001111
ĺ			THE SAME		
-	10/742062	12/20/2003	STRUCTURE OF AN OPTICAL	QCO.082A	061105
	1017 100000	- CICURENOO	INTERFERENCE DISPLAY CELL	QCC.002/1	001100
\vdash	10/752666	1/8/2004	OPTICAL-INTERFERENCE TYPE DISPLAY	QCO.083A	061100
	(0), 02,000	1700200-	PANEL AND METHOD FOR MAKING THE	@00.000n	001100
			SAME		
\vdash	10/752811	1/8/2004	OPTICAL-INTERFERENCE TYPE	QCO.084A	061101
200	10/102011	110/2004	REFLECTIVE PANEL AND METHOD FOR	Q00.004/1	001101
			MAKING THE SAME		
-	11/261466	10/31/2005	METHOD FOR MAKING AN OPTICAL	QCO.084DV1	061101D1
	11/201100	10/01/2000	INTERFERENCE TYPE REFLECTIVE	200.001011	00110121
			PANEL		
\vdash	10/796997	3/11/2004	METHOD FOR FABRICATING OPTICAL	QCO.085A	061112
	10//3033/	3/11/2004	INTERFERENCE DISPLAY CELL	WOO.000/	001112
-	4.4.4.4.0.000	4/00/0000	OPTICAL INTERFERENCE DISPLAY CELL	QCO,085C1	061112C1
1	11/413603	4/28/2006	f i	QCC.065C1	00111261
1			AND METHOD OF MAKING THE SAME		
-	400000000	A 100 A 100 A 50 A	A CONTRACT OF A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000 000	004440
	10/807128	3/24/2004	OPTICAL INTERFERENCE DISPLAY	QCO.086A	061118
-			PANEL AND MANUFACTURING METHOD		
			THEREOF		

EXHIBIT A
Assignment from QUALCOMM MEMS Technologies, Inc. to QUALCOMM incorporated

10/807129	3/24/2004	AN INTERFERENCE DISPLAY CELL	QCQ.087A	061119
11/221806	9/9/2005	INTERFERENCE DISPLAY CELL AND	QCO.087DV1	061119D1
111221000	3/9/2000	FABRICATION METHOD THEREOF	300.00701	00117001
10/807142	3/24/2004	OPTICAL INTERFERENCE DISPLAY	QCO.088A	061117
10/00/ 142	0/2-7/200-7	PANEL	Q 50.000 t	OG S S I I
10/807143	3/24/2004	STRUCTURE OF AN OPTICAL	QCO.089A	061122
70/007 140	0,2-,,200-	INTERFERENCE DISPLAY UNIT	300.000	VVIII
10/807147	3/24/2004	OPTICAL INTERFERENCE DISPLAY	QCO.090A	061116
70.00.	5,2 11200 1	PANEL	Q Q Q	00
11/368683	3/7/2006	OPTICAL INTERFERENCE DISPLAY	QCO.090DV1	061116D1
		PANEL		
10/810660	3/29/2004	STRUCTURE OF A MICRO ELECTRO	QCO.091A	061121
		MECHANICAL SYSTEM AND THE		
		MANUFACTURING METHOD THEREOF		
10/812257	3/29/2004	MICRO ELECTRO MECHANICAL SYSTEM	QCO.092A	061124
		DISPLAY CELL AND METHOD FOR		
		FABRICATING THEREOF		
10/815884	3/31/2004	COLOR-CHANGEABLE PIXELS OF AN	QCO.093A	061115
		OPTICAL INTERFERENCE DISPLAY		
		PANEL		
10/815905	3/31/2004	INTERFEROMETRIC MODULATION	QCO.094A	061113
		PIXELS AND MANUFACTURING METHOD	j	
		THEREOF		
10/815947	4/2/2004	INTERFEROMETRIC MODULATION	QCO.095A	061114
		PIXELS AND MANUFACTURING METHOD		
		THEREOF	Conserva-	
10/873014	6/21/2004	OPTICAL INTERFERENCE REFLECTIVE	QCO.096A	061120
		ELEMENT AND REPAIRING AND		
		MANUFACTURING METHODS THEREOF		
10/884555	7/2/2004	INTERFERENCE DISPLAY PLATE AND	QCO.097A	061123
		MANUFACTURING METHOD THEREOF		
10/960927	10/12/2004	STRUCTURE OF A MICRO ELECTRO	QCO.098A	061126
***************************************		MECHANICAL SYSTEM		
11/133641	5/20/2005	METHOD OF MANUFACTURING OPTICAL	QCO.099A	061125
		INTERFERENCE COLOR DISPLAY		
a polygon				
11/491047	7/21/2006	SUPPORT STRUCTURE FOR MEMS	QCO.105A	050671
		DEVICE AND METHODS THEREFOR		
11/497726	8/2/2006	SELECTIVE ETCHING OF MEMS USING	QCO.107A	060418
		GASEOUS HALIDES AND REACTIVE CO-		
1		ETCHANTS		
11/583575	10/19/2006	SACRIFICIAL SPACER PROCESS AND	QCO.108A	060836
		RESULTANT STRUCTURE FOR MEMS		
		SUPPORT STRUCTURE		***************************************
11/699542	1/29/2007	HYBRID COLOR SYNTHESIS FOR	QCO.109A	060717
		MULTISTATE REFLECTIVE		
and the second s		INTERFEROMETRIC MODULAR DISPLAYS		
11/467879	8/28/2006	ANGLE SWEEPING HOLOGRAPHIC	QCO.111A	060289
		ILLUMINATOR		
60/791730	4/13/2006	MEMS DEVICES AND PROCESSES FOR	QCO.112PR	060132P1
1		PACKAGING SUCH DEVICES		

EXHIBIT A Assignment from QUALCOMM MEMS Technologies, Inc. to QUALCOMM Incorporated

11/479392	6/30/2006	DETERMINATION OF INTERFEROMETRIC MODULATOR MIRROR CURVATURE AND AIRGAP VARIATION USING DIGITAL PHOTOGRAPHS	QCO.113A	060907
11/704450	2/8/2007	PASSIVE CIRCUITS FOR DE- MULTIPLEXING DISPLAY INPUTS	QCO.116A	061329
11/698609	1/25/2007	ARBITRARY POWER FUNCTION USING LOGARITHM LOOKUP TABLE	QCO.117A	060757
60/815905	6/21/2006	MEMS DEVICE HAVING A RECESSED CAVITY AND METHODS THEREFOR	QCO.120PR	061384P1
11/566172	12/1/2006	IMPROVED MEMS PROCESSING	QCO.121A	060989
11/614795	12/21/2006	METHOD AND APPARATUS FOR MEASURING THE FORCE OF STICTION OF A MEMBRANE IN A MEMS DEVICE	QCO.122A	051075
11/544978	10/6/2006	INTERNAL OPTICAL ISOLATION STRUCTURE FOR INTEGRATED FRONT OR BACK LIGHTING	QCO.123A	051 26 9
11/545104	10/6/2006	SYSTEM AND METHOD FOR REDUCING VISUAL ARTIFACTS IN DISPLAYS	QCO.126A	061029
11/669074	1/30/2007	SYSTEMS AND METHODS OF PROVIDING A LIGHT GUIDING LAYER	QCO.129A	061011
11/646059	12/27/2006	ALUMINUM FLUÖRIDE FILMS FÖR MICROELECTROMECHANICAL SYSTEM APPLICATIONS	QCO.130A	061401
11/613922	12/20/2006	MEMS DEVICE AND INTERCONNECTS FOR SAME	QCO.144A	061559
11/313436	12/20/2005	METHOD AND APPARATUS FOR REDUCING BACK-GLASS DEFLECTION IN AN INTERFEROMETRIC MODULATOR DISPLAY	QCO,184A	051137
11/357702	2/17 /200 6	METHOD AND APPARATUS FOR PROVIDING BACK-LIGHTING IN AN INTERFEROMETRIC MODULATOR DISPLAY DEVICE	QCO.185A	050976
11/408753	4/21/2006	METHOD AND APPARATUS FOR PROVIDING BRIGHTNESS CONTROL IN AN INTERFEROMETRIC MODULATOR (IMOD) DISPLAY	QCO.186A	050636
11/472,879	6/26/2006	LINEAR SOLID STATE ILLUMINATOR	QCO,187A	060040
11/588947	10/27/2006	LIGHT GUIDE INCLUDING OPTICAL SCATTERING ELEMENTS AND A METHOD OF MANUFACTURE	QCO.188A	051339
11/683787	3/8/2007	METHOD AND APPARATUS FOR PROVIDING A LIGHT ABSORBING MASK IN AN INTERFEROMETRIC MODULATOR DISPLAY	QCO.189A	061431

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ASSIGNMENT

Knobbe Martens

WHEREAS, QUALCOMM MEMS Technologies, Inc., a Delaware corporation having offices at 5775 Morehouse Drive, San Diego, California 92121 U.S.A. (hereinafter "ASSIGNOR"), represents and warrants that it is the sole owner of the entire right, title, and interest to certain new and useful improvements for which ASSIGNOR has issued Letters Patents and applications for Letters Patents in the United States (hereinafter "the Patents and Patent Applications") identified in the list attached hereto as Exhibit A:

WHEREAS, QUALCOMM Incorporated, 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, in consideration of One Dollar (\$1.00) to ASSIGNOR, and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents 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, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed 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.

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, continuing, and reissue applications, make all rightful oaths, 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.

Page 2 of 2

IN TESTIMONY WHEREOF, I hereunto	set my hand and seal this 23rd day of
	OUALCOMM MEMS Technologies, Inc. By:
	Name Printed: Clarence Chui
	Title: VP, Technology
	Date: 5/23/07
IN TESTIMONY WHEREOF, acknowledged 20	hereunto this day of,
	QUALCOMM Incorporated
	By: The first
	Name Printed: Phillip P. Lee
	Title Patest (sussel

3738017 050807

RECORDED: 06/27/2007