FORM PTO-1619	^{A/B} 06-18-2) Onon	U.S. Department of Commerce Patent and Trademark Office
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	sioner of Patents and Trademarks: Please record the a	'78 —	Attorney Docket No.: 010204
			or copy(ies).
Submission Typ	e	Conveyance Type	
New Resubmissi	on (Non-Recordation)	Assignment Change of Name	
Document l		License	
	of PTO Error Frame No. 6-12-02	Merger	
Reel No.		Security Agreemen	t
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Reel No.	Frame No.		
Conveying Part	y(ies) Mark if additional names are attached NAME		EXECUTION DATE
	NAME		Month, Day, Year (MMDDYYYY)
			William, Day, Tear (Wilvid Di TTT)
Inyup Kang			05/02/2002
Christopher Patri	ck		04/19/2002
Bruce R. Meaghe			04/22/2002
Shimman Patel			04/22/2002 04/21/2002 04/24/2002
Tao Li			Aug.
Joseph Cheung			04/23/2002
	NAMES ATTACHED		<u> </u>
	(ies) Mark if additional names are attached		
Name:	QUALCOMM Incorporated A Delaware Corporation		201101 201101 201101
Address:	5775 Morehouse Drive		071011 071011
Address:	San Diego, California, 92121-1714		
	Name and Address	1	· · · · · · · · · · · · · · · · · · ·
Name:	QUALCOMM Incorporated (PTO Customer N		e Number: (858) 651-1179
	Attn: Patent Department	Facsimile	: (858) 658-2502
Address: Address:	5775 Morehouse Drive San Diego, California 92121-1714		
	e total number of pages of the attached conveyar	nce document including an	v attachments)
Total number of			<i>y</i>
		s) or Patent Number(s)	
	t is being filed together with a new application		he application is:
Patent Applicat	ion Number(s): 10/061,874	Patent Number(s):	
Number of Prov	perties (Enter the total number of properties invo	olved)	
_	f properties: one	,	
Fee Amount		nt for Properties Listed (
		A duplicate of this sheet is	s enclosed for fee processing)
	ount Number: 17-0026 n to charge additional fees: ⊠Yes □ No		
Statement and S		, , , , , , , , , , , , , , , , , , ,	2
	of my knowledge and belief, the foregoing inf	formation is true and cor	rect and any attached copy is a true
	inal document. Charges to deposit account a		
			11
Date: June 4,		Signature:	AL.
Name: Howard 858-845	H. Seo, Reg. No. 43,106	Signature:	
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		1000	

(TRANSASSIGN.VER1.6-2/12/2001)

REEL: 012984 FRAME: 0378

Serial No.: 10/061,874 ASSIGNMENT Page 2 of 2

Additional names of conveying parties

Phillappakkam Srinivas	05/01/2002
Gregory Foerster	04/23/2002
Srinivas Varadarajan	05/03/2002
Jian Wei	05/02/2002

(TRANSASSIGN.VER1.6-2/12/2001)

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that I,

- 1. **Inyup Kang**, a citizen of Korea, having a place of residence at 4257 Calle Isabelino, San Diego, CA 92130;
- 2. Christopher Patrick, a citizen of Trinidad and Tobago, having a place of residence at 14358 Dalhousie Road, San Diego, CA 92129;
- 3. **Bruce R. Meagher**, a citizen of Canada, having a place of residence at 12276 Ragweed St., San Diego, CA 92129;
- 4. **Shimman Patel**, a citizen of The United States of America, having a place of residence at 9406 Galvin Avenue, San Diego, CA 92126;
- 5. **Tao Li**, a citizen of China, having a place of residence at 16009 Caminito Tomas, San Diego, CA 92128;
- 6. **Joseph Cheung**, a citizen of Canada, having a place of residence at 7524 Charmant Dr., #531, San Diego, CA 92122;
- 7. **Pillappakkam Srinivas**, a citizen of India, having a place of residence at 7576 Charmant Dr., #124, San Diego, CA 92122;
- 8. Gregory B. Foerster, a citizen of The United States of America, having a place of residence at 10149 Tilton St., San Diego, CA 92126;
- 9. **Srinivas Varadarajan**, a citizen of India, having a place of residence at 11491 Trillium Ct., San Diego, CA 92131; and
- 10. **Jian Wei**, a citizen of P.R. China, having a place of residence at 9675 Gennesse Avenue, #G1, San Diego, CA 92121;

PATENT Docket No. 010204 Page 2 of 5

ASSIGNMENT

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to a BUFFER-BASED GPS AND CDMA PILOT SEARCHER by me co-devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on January 31, 2002, and was assigned Serial Number 10/061,874, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

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

Done at San Diego, California this ______day of ______May__, 2002.

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

Done at San Diego, California this day	y of	., 2002.	
		Bruce R. Meagher	••••
Done at San Diego, California this day	y of	., 2002.	
		Shimman Patel	

Done at San Diego, California this 19th day of April , 2002.

Christopher Patrick

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment. Done at San Diego, California this _____ day of ______, 2002. **Christopher Patrick** Done at San Diego, California this 22 day of April, 2002. Done at San Diego, California this _____ day of ______, 2002.

> PATENT REEL: 012984 FRAME: 0383

Shimman Patel

The Commissioner of Patents and Trademarks is reque	ested to issue the Letters Patent which may
be granted for said invention or any part thereof un	nto said corporation in keeping with this
Assignment.	
Done at San Diego, California this day of	. 2002.
	Christopher Patrick
Done at San Diego, California this day of	, 2002.
	Bruce R. Meagher
Done at San Diego, California this 21 day of Apr	<u>iil</u> , 2002.
	Shimman Patel
	Sillilliali I alti

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

Done at San Diego, California this 24 day of 04, 2002. Done at San Diego, California this _____ day of _____, 2002. Joseph Cheung Done at San Diego, California this _____ day of _____, 2002. Pillappakkam Srinivas

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ASSIGNMENT

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment. Done at San Diego, California this _____ day of _____, 2002. Tao Li Done at San Diego, California this 23 day of APRIL, 2002. Joseph Cheung Done at San Diego, California this _____ day of _____, 2002. Pillappakkam Srinivas

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may

be granted for said invention or any part t	thereof unto	said corporation	in keeping	with	this
Assignment.					
Done at San Diego, California this day	of	, 2002.			
-		Tao Li			-
Done at San Diego, California this day	y of	, 2002.			
-		Joseph Cheun	g		_
Done at San Diego, California this Olday	y of May	<u>·</u> , 2002.			
	·	00 P 1			
		Pillon alaba	<u>S</u>		_
		Pillappakkam	orinivas		

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

Done at San Diego, California this <u>23</u>	day of April	_, 2002.
		Gregory Foerster
Done at San Diego, California this	_ day of	, 2002.
		Srinivas Varadarajan
Done at San Diego, California this	_ day of	_, 2002.
	····	Jian Wei

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment. Done at San Diego, California this _____ day of _____, 2002. **Gregory Foerster** Done at San Diego, California this 31 day of May, 2002. Srinivas Varadarajan Done at San Diego, California this _____ day of ______, 2002.

> PATENT REEL: 012984 FRAME: 0389

Jian Wei

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment. Done at San Diego, California this _____ day of _____, 2002. **Gregory Foerster** Done at San Diego, California this _____ day of _____, 2002. Srinivas Varadarajan Done at San Diego, California this _____ day of ______, 2002.

Jian Wei

RECORDED: 06/12/2002