FORM PTO-1619A/B	U.S. Department of Comm Patent and Trademark Offi PATENT
E. B. RECO	NDD HARMON AND AND AND AND AND AND AND AND AND AN
3	Attorney Docket No.: QCP
TO: The Commissioner of Patents and Trademarks: Ple	ease record the attached original documents.
Submission Type New Resubmission (Non-Recordation) Document ID No. Correction of PTO Error Reel No. Frame No. Corrective Document	Conveyance Type Assignment Change of Name License Merger Security Agreement Other:
Reel No. Frame No.	
Conveying Party(ies) NAME 1. Allen Tran	Mark if additional names are attached EXECUTION DATE Month, Day, Year (MMDDYY 05071999
2. 3. 4.	
Receiving Party Name: QUALCOMM Incorporated A Delaware Corporation Address (Street number and name): 6455 Lusk	
	, California, 92121
Correspondent Name and Address Name: QUALCOMM Incorporated Attn: Russell B. Miller Address: 6455 Lusk Boulevard Address: San Diego, California 92121	Telephone Number: (619) 658-4833 Facsimile: (619) 658-2502
	ched conveyance document including any attachments)
	ion Number(s) or Patent Number(s)
	ew application, the execution date of the application is:
Patent Application Number(s): 1. 09/252,732 2. 3. 4.	Patent Number(s): 1. 2. 3. 4.
Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not b 1. PCT/ 2. PCT/	been assigned) 3. PCT/ 4. PCT/
Number of Properties (Enter the total number of p Total number of properties: 1	
Fee Amount Fee Amount for Method of Payment: ☐ Enclosed ☐ Deposit A	Properties Listed (37 CFR 3.41): \$40.00 Account tional fees can be charged to the account. A duplicate of this sheet is encl
Deposit Acco Authorization	ount Number: 17-0026 n to charge additional fees: ⊠Yes □ No
Statement and Signature To the best of my knowledge and belief, the focopy of the original document. Charges to depose	oregoing information is true and correct and any attached copy is a trust account are authorized, as indicated herein.
Name: <u>Gregory D. Ogrod, Reg. No. 30,880</u> Signa 999 DHGLYEH 00000054 170026 09252732	ature: Date: May 10, 1999
88. 40.00 CH	FOR OFFICE USE ONLY

(TRANSASSIGN.VER1.1-11/24/98)

ASSIGNMENT

TO WHOM IT MAY CONCERN:

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For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I ALLEN TRAN, a citizen of the United States of America having a place of residence at 7529 Flower Meadow Drive, San Diego, California 92126; 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 6455 Lusk Boulevard, San Diego, California 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to a UNIPLANAR DUAL STRIP ANTENNA by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on February 19, 1999, and assigned Serial No. 09/252,732, 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.

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[PA520ASSN]

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.

					7
Done at	San	Diego,	California	this	

of <u>Hay</u>, 1999.

ALLEN TRAN

STATE OF CALIFORNIA) ss.

COUNTY OF SAN DIEGO

On MAI 7 , 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared ALLEN TRAN, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Notary Public

(seal)



RECORDED: 05/13/1999

[PA520ASSN]