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TO: The Commissioner of Patents and Trademarks	Please record the attaches	nt(s) or copy(ies).
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Conveying Party(ies)	Mark if additional names	are attached
NAME		EXECUTION DATE
		Month, Day, Year (MMDDYYYY)
1. Lorenzo Casaccia		08/16/2001
2. Ragulan Sinnarajah		08/16/2001
3.		
4.		
Receiving Party	Mark if additional names	are attached
Name: QUALCOMM Incorporated		
A Delaware Corporation	09/93/7	' 3 <i>7</i>)
Address (Street number and name): 5775 M	Iorehouse Drive	
	ego, California, 92121-1714	
Correspondent Name and Address		
Name: QUALCOMM Incorporated	Т	elephone Number: (858) 651-1179
Attn: Sarah Kirkpatrick, Manager, Ir		acsimile: (858) 658-2502
Address: 5775 Morehouse Drive		. ,
Address: San Diego, California 92121-1714		
Pages (Enter the total number of pages includ	ing the Recordation Sheet)	
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3.	3.	
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Date: 08/16/2001		C
Name: Sandra L. Godsey, Reg. No. 42,589	Signature:	Sandra L. Godsey
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(TRANSASSIGN.VER1.6-1/17/2001)

REEL: 012108 FRAME: 0879

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we Lorenzo Casaccia, a citizen of Italy having a place of residence at 1501-8 Reed Ave., San Diego, California 92109; and Ragulan Sinnarajah, a citizen of Canada having a place of residence at 7524 Charmant Dr., Apt. 524, San Diego, California 92122; 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 whole right, title and interest in and to a certain invention relating to a METHOD AND APPARATUS FOR TIME-BASED RECEPTION OF TRANSMISSIONS IN A WIRELESS COMMUNICATION SYSTEM by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on even date herewith 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 we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us 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.

> [PA010446ASSN2] CUSTOMER NO. 23696

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 15 day of AUG, 2001.

Lorenzo Casaccia

Done at San Diego, California this 16 day of August, 2001.

Ragalan Sinnarajah

[PA010446ASSN2] CUSTOMER NO. 23696