10-01-2001



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•	Customer No.: 23696
	Attorney Docket No.: 010393
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).	
Submission Type	Conveyance Type
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Document ID No.	License
Correction of PTO Error	Merger
Reel No. Frame No.	Security Agreement
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Reel No. Frame No.	
Conveying Party(ies) Mark i	f additional names are attached
NAME	EXECUTION DATE
	Month, Day, Year (MMDDYYYY)
1. Jun Wang	09/21/2001
2. Ragulan Sinnarajah	09/21/2001
· ·	09/21/2001
3.	
4.	
	f additional names are attached
Name: QUALCOMM Incorporated	
A Delaware Corporation	
Address (Street number and name): 5775 Morehouse Drive	
Address (City, State, Zip Code): San Diego, California, 92	121-1714
Correspondent Name and Address	
Name: QUALCOMM Incorporated	Telephone Number: (858) 651-1179
Attn: Sarah Kirkpatrick, Manager, Intellectual Property A	=
Address: 5775 Morehouse Drive	
Address: San Diego, California 92121-1714	
Pages (Enter the total number of pages including the Recordation Sheet)	
Total number of pages: 3 Application Number(s)	or Potent Number(s)
Application Number (s) If this document is being filed together with a new application	the execution date of the application is:
If this document is being fried together with a new approach	Patent Number(s):
Patent Application Number(s):	1.
1. 09/905,507 filed 07/13/2001	2.
2.	3.
3.	4.
4.	4.
Patent Cooperation Treaty (PCT)	
(Enter only if a U.S. Application Number has not been assigned)	A DOM
1. PCT/	3. PCT/
	4. PCT/
2. PC17 Number of Properties (Enter the total number of properties invo	lved)
Total number of properties: 1	
Fee Amount for Properties Disce (5)	
ree Amount	
Method of Payment: Enclosed Deposit Account (Enter for payment by deposit account or if additional fees can	be charged to the account.
for fee processing) Deposit Account Number:	17 0026
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Authorization to distribution	ditional fees: Yes No
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Statement and Signature To the best of my knowledge and belief, the foregoing info copy of the original document. Charges to deposit account and copy of the original document.	rmation is true and correct and any attached copy is a true re authorized, as indicated herein.
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Statement and Signature To the best of my knowledge and belief, the foregoing info copy of the original document. Charges to deposit account at Date: 09/21/2001 Name: Abdolah Katbab, Reg. No. 45,325	ditional rees. 2103 2103
Statement and Signature To the best of my knowledge and belief, the foregoing info copy of the original document. Charges to deposit account at Date: 09/21/2001 Name: Abdolah Katbab, Reg. No. 45,325 (858) 651-4132	rmation is true and correct and any attached copy is a true re authorized, as indicated herein. Signature: Fore 44,17%
Statement and Signature To the best of my knowledge and belief, the foregoing info copy of the original document. Charges to deposit account at Date: O9/21/2001 Name: Abdolah Katbab, Reg. No. 45,325 (858) 651-4132	rmation is true and correct and any attached copy is a true re authorized, as indicated herein.
Statement and Signature To the best of my knowledge and belief, the foregoing info copy of the original document. Charges to deposit account at Date: 09/21/2001 Name: Abdolah Katbab, Reg. No. 45,325 (858) 651-4132	rmation is true and correct and any attached copy is a true re authorized, as indicated herein. Signature: Four 44,178

(TRANSASSIGN. VER1.6-1/17/2001)

REEL: 012198 FRAME: 0313

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 Jun Wang, a citizen of China having a place of residence at 13203 Winstanley Way, San Diego, California 92130; and Ragulan Sinnarajah, a citizen of Canada having a place of residence at 7524 Charmant Drive, 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 SYSTEM FOR IMPROVING BATTERY PERFORMANCE IN BROADCAST PAGING by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on 07/13/2001, and assigned Serial No. 09/905,507, 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.

> [PA010393ASSN2] Customer No.: 23696

PATENT REEL: 012198 FRAME: 0314

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 2/ day of Sept, 2001.

Done at San Diego, California this 21 day of Suptember, 2001.

[PA010393ASSN2] Customer No.: 23696