12-01-1998 U.S. Department of Commerce FORM PTO-1619A/B Patent and Trademark Office PATENT ET 11-20-48 100911634 Attorney Docket No.: QCPA540 Page 1 of 1 TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Conveyance Type Submission Type **⊠**Assignment ⊠New Change of Name Resubmission (Non-Recordation) License Document ID No. Correction of PTO Error Merger Security Agreement Reel No. Frame No. Corrective Document Other: Reel No. Frame No. Conveying Party(ies) Mark if additional names are attached EXECUTION DATE NAME Month, Day, Year (MMDDYYYY) May 19, 1998 1. Thomas J. Chintala May 19, 1998 2. Jose F. Olivas August 18, 1998 3. Martin J. Kimbell August 18, 1998 4. Miguel A. Cano, Jr. **Receiving Party** Mark if additional names are attached Name: QUALCOMM Incorporated A Delaware Corporation Address (Street number and name): 6455 Lusk Boulevard Address (City, State, Zip Code): San Diego, California, 92121 **Correspondent Name and Address Telephone Number:** (619) 658-4833 **OUALCOMM** Incorporated Name: Facsimile: (619) 658-2502 Attn: Russell B. Miller Address: 6455 Lusk Boulevard Address: San Diego, California 92121 Pages (Enter the total number of pages of the attached conveyance document including any attachments) Total number of pages: 5 Application Number(s) or Patent Number(s) Patent Application Number(s): Patent Number(s): 1. US Serial Number 29/045,155 Filed March 19, 1998 1. 2. 2. 3. 3. 4. 4. **Patent Cooperation Treaty (PCT)** (Enter only if a U.S. Application Number has not been assigned) 1. PCT/ 3. PCT/ 2. PCT/ 4. PCT/ Number of Properties (Enter the total number of properties involved) Total number of properties: 1 Fee Amount for Properties Listed (37 CFR 3.41): \$40.00 Method of Payment: ☐ Enclosed ☐ Deposit Account Method of Payment: Deposit Account Enclosed Deposit Account Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this meet is enclosed for fee processing) Deposit Account Number: 17-0026

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Date: 11/18/98

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Authorization to charge additional fees: ∑Yes □ No

Statement and Signature

Name: Thomas R. Rouse, Reg. No. 40,793 Signature:

(TRANSASSIGN.VER1.0)

PATENT 5

REEL: 9603 FRAME: 0464

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, THOMAS J. CHINTALA, a citizen of the United States of America having a place of residence at 2925 McGraw Street, San Diego, California 92117; JOSE F. OLIVAS, a citizen of the United States of America having a place of residence at 8544 Ridgefield Place, San Diego, California 92129; MARTIN J. KIMBELL, a citizen of the United States of America having a place of residence at 2438 Bridle Circle, Round Lake Beach, Illinois 60073; MIGUEL A. CANO, JR., a citizen of the United States of America having a place of residence at 1021 Buccaneer Drive #3, Schaumburg, Illinois 60173, 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 HINGE APPARATUS FOR FLIP STYLE PORTABLE PHONE by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on March 19, 1998 and assigned Serial No. 09/045,155 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

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PATENT REEL: 9603 FRAME: 0465 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 1994 day of 1998.
Thomas D. Chintala
THOMAS J. CHINTALA
STATE OF CALIFORNIA)
) ss. COUNTY OF SAN DIEGO)
On May 1998 before me, the undersigned, a Notary Public
in and for said State, personally appeared THOMAS J. CHINTALA, 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) MONIQUE HATCH

Done at San Diego, California this 19 day of May, 1998.
JOSE F. OLIVAS
STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)
On May 1998 before me, the undersigned, a Notary Public
in and for said State, personally appeared JOSE F. OLIVAS, 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.
(seal) MONIQUE HATCH Comm. # 1123395 NOTARY PUBLIC - CALIFORNIA San Diego County My Comm. Expires Jan. 20, 2001
Done at San Diego, California this day of Angust, 1998.
MARMIN J. KIMBELL
STATE OF CALIFORNI A) LAKE) ss. COUNTY OF SAN DIEGO)
On August (1), 1998 before me, the undersigned, a Notary Public
in and for said State, personally appeared MARTIN J. KIMBELL, 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
"OFFICIAL SEAL" KATHLEEN S. NIELSEN Notary Public, State of Illinois My Commission Expires 02/04/2001

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Done at San Diego, California this day of August, 1998.

MIGUEL A. CANO, JR

STATE OF CALIFORNIA

On August

Notary Public

OF ICIAL SEAL!

Notary Public

Notary Public

(seal)

"OFFICIAL SEAL"

KATHLEEN S. NIELSEN
Notary Public, State of Illinois
My Commission Expires 02/04/2001

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RECORDED: 11/20/1998