



DOT/DTT

24 SEP 2001

10-15-2001

09/856546

Form: PTO-1595

REC



DOCKET NUMBER: CE30511P

101873279

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Fernando Sancho  
Juan Jose Fernandez Garcia  
Roberto Zarza Garcia

09/24/01

## 2. Name and address of receiving party(ies)

Name: Motorola, Inc.Internal Address: Corporate OfficesIntellectual Property Dept.Street Address: 1303 East Algonquin Rd.City: SchaumburgState: ILZip: 60196

## 3. Name of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: Sept. 3, 5, and 10, 2001

Additional name(s) &amp; address(es) attached?



Yes



No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_.

A. Patent Application No.(s)

09/856,546 filed on December 6, 1999

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Motorola, Inc.Internal Address: Corporate OfficesAttn: Intellectual Property Dept.Street Address: 1303 East Algonquin Rd.City: SchaumburgState: ILZip: 60196

## 6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41) \$40.00

Enclosed



Authorized to be charged to deposit account

8. Deposit account number: 13-4772

(Attach duplicate copy of this page if paying by deposit account.)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

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.

Kenneth A. Haas Reg#42,914

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents:

3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents &amp; Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

REEL: 012236 FRAME: 0309

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Fernando Sancho of Madrid; Juan Jose Fernandez Garcia of Spain; and Roberto Zarza Garcia of Madrid, , have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto Motorola, Inc., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States of America in and to certain inventions relating to improvements in HANDOVER DETERMINATION AND POWER CONTROL ADJUSTMENT IN MOBILE COMMUNICATIONS SYSTEMS WITH FREQUENCY HOPPING (Attorney Docket No. CE30511P), described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation, or reissue thereof.


We hereby also sell, assign, and transfer unto Motorola, Inc., the entire right, title, and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the inventions and the applications for Letters Patent in foreign countries, and we further authorize Motorola, Inc. to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, or reissue, to Motorola, Inc., for the sole use and behoof of Motorola, Inc., its successors, assigns, and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to Motorola, Inc.

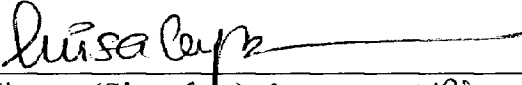
We agree that, when requested, we will, without charge to Motorola, Inc., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the inventions in any and all countries and

for vesting title thereto in Motorola, Inc., its successors, assigns, and legal representatives or nominees.

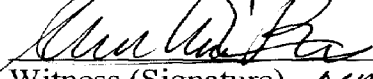
We covenant with Motorola, Inc., its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

  
\_\_\_\_\_  
Fernando Sancho

3/Sept./2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness (Signature) LUISA LEYRA


3/Sept/2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness (Signature) MARINA VILAS


3/Sept./2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Juan Jose Fernandez Garcia


10/sep/2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness (Signature) ANABEL SACRISTAN

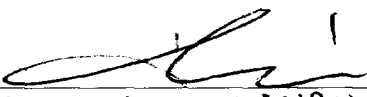
10 / Sep / 2001  
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Date

  
\_\_\_\_\_  
Witness (Signature) RAMON RUEDA

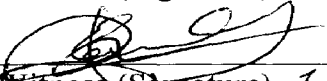
10/Sept./2001  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Roberto Zarza Garcia

5-Sept-01  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness (Signature) JUAN CARLOS DEL RIO

5 - sept - 01  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness (Signature) JAVIER ESCAMILLA

5 - Sept - 01  
\_\_\_\_\_  
Date

Address correspondence concerning this document to: Motorola, Inc., Intellectual Property  
Section - Law Department, 1303 East Algonquin Road, Schaumburg, IL 60196.



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO	FIRST NAMED APPLICANT	ATTY. DOCKET NO
09/856546	SANCHO	F
		CE30511P
INTERNATIONAL APPLICATION NO		
PCT/EP99/09626		
I.A. FILING DATE		PRIORITY DATE
06 DEC 99		10 DEC 98
DATE MAILED: 22 JUN 2001		

MOTOROLA  
INTELLECTUAL PROPERTY DEPARTMENT 3RD FLO  
1303 E ALGONQUIN ROAD  
SCHAUMBURG, IL 60196



### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):
- ☒ U.S. Basic National Fee.
  - ☒ Copy of the international application.
  - ☐ Oath or Declaration of inventors(s).
  - ☐ Copy of Article 19 amendments.
  - ☒ Priority Document.
  - ☒ The International Preliminary Examination Report in English and its Annexes, if any.
  - ☐ Translation of Annexes to the International Preliminary Examination Report into English.
  - ☐ Indication of Small-Entry Status.
  - ☐ Translation of the international application into English.
  - ☐ Translation of Article 19 amendments into English.
  - ☒ Other: NO IDS STATEMENT
2. ☐ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.
- ☐ U.S. Basic National Fee.
  - ☐ Copy of the international application.
3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:
- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
  - ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
  - ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
  - ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
  - ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
  - ☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).
4. Additional claim fees of \$ 160 as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.
5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice MUST be returned with this response.**

Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875 ☐ PCT/DO/EO/920

Vonda M. Wallace *VW*

FORM PCT/DO/EO/905 (March 2001)

Telephone: 703-305-3736

RECORDED: 09/24/2001

PATENT  
REEL: 012236 FRAME: 0312