

03-16-2000

Express Mail No.: EK141907628US

CASENO: CX098028

To the Honorable Commissioner of Patents and T.

101290680

al documents or copy thereof.

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

Jeyhan Karaoguz

Walter Chen

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: February 7, 2000

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

USPTO Customer Number 22917

Name: Motorola, Inc.

Internal Address: Corporate Offices

Intellectual Property Department

Street Address: 1303 East Algonquin Road

City: Schaumburg

State: IL

ZIP: 60196

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

09/499209

If this document is being filed together with a new application, the execution date of the application is: February 7, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

USPTO Customer Number 22917

Name: Motorola, Inc.

Internal Address: Corporate Offices

Intellectual Property Department

Street Address: 1303 East Algonquin Road

City: Schaumburg State: IL ZIP: 60196

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21 (h)): ..... \$ 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)

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## 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.*

Joanne N. Pappas, reg. no. 40,117

Name of Person Signing

*Joanne Pappas*

Signature

February 7, 2000

Date

Total number of pages comprising cover sheet: 1

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

03/15/2000 DNGUYEN 00000124 134772 09499209

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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-100C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

PATENT

REEL: 010606 FRAME: 0018

## ASSIGNMENT AND AGREEMENT

For and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **Jeyhan Karaoguz of Norton, Massachusetts, and Walter Chen of Franklin, Massachusetts**, 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 improvement in **METHOD TO ESTABLISH A HOME NETWORK ON MULTIPLE PHYSICAL LAYERS** (Case No. **CX098028**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

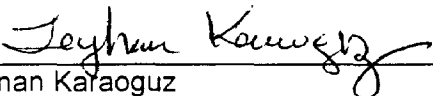
We hereby also sell, assign and transfer unto the said MOTOROLA, INC., the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Letters Patent in foreign countries, and we further authorize the said MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the said 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 of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said MOTOROLA, INC., for the sole use and behoof of said MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which said 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 the said MOTOROLA, INC.

We agree that, when requested, we will, without charge to said 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 said inventions in any and all countries and for vesting title thereto in said MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with said 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.

  
\_\_\_\_\_  
Jeyhan Karaoguz

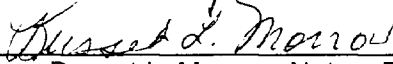
2/7/2000  
\_\_\_\_\_  
DATE

(COMMONWEALTH OF: MASSACHUSETTS )

(COUNTY OF: BRISTOL )

I, Russet L. Morrow, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 7<sup>th</sup> day of February, 2000.

  
\_\_\_\_\_  
Russet L. Morrow, Notary Public

SEAL

My commission expires: January 22, 2004

  
\_\_\_\_\_  
Walter Chen

1/24/2000  
\_\_\_\_\_  
DATE

Rev. 9/30/92

DOCKET NO: CX098028

Express Mail No.:

- 2 -

**PATENT**  
**REEL: 010606 FRAME: 0020**

(STATE OF: \_\_\_\_\_)

(COUNTY OF: \_\_\_\_\_)

I, \_\_\_\_\_, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

*(see attachment)*

\_\_\_\_\_  
Notary Public

SEAL

My commission expires:

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

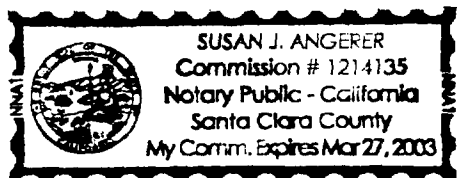
State of CALIFORNIA

County of SANTA CLARA

On 24<sup>th</sup> January 2000 before me, Susan J. Angerer Notary Public,  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Walter Chen,  
Name(s) of Signer(s)

☐ personally known to me OR ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Susan J. Angerer  
Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: Assignment and Agreement

Document Date: not dated Number of Pages: 3

Signer(s) Other Than Named Above: Jeyhan Karaoguz, Russet L. Morrow (notary)

### Capacity(ies) Claimed by Signer(s)

Signer's Name: Walter Chen

- ☒ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer Is Representing:

(Self)

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer  
Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney-in-Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer Is Representing: