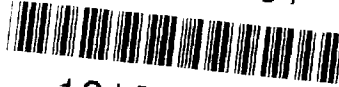


09-04-2001



101832142

PD-201116

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

1. Name of conveying party(ies):  
**DOUGLAS A. CHELINE, MICHAEL MA, YE ZHANG,  
LESTER J. CHONG**  
Additional Name(s) of conveying party(ies) attached?  
yes  no  *8/23/01*

2. Name and address of receiving party(ies):  
Name: **HUGHES ELECTRONICS CORPORATION**  
Internal Address: Bldg. 001, M/S A109  
PO Box 956  
200 N. Sepulveda Blvd.  
El Segundo, CA 90245-0956

jc971 U.S. PTO  
09/938443

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: August 20, 2001, August 20, 2001,  
August 21, 2001 and August 20, 2001

Street Address: **200 N. Sepulveda Blvd  
P.O. Box 956  
El Segundo, California 90245**  
Additional name(s) & address(es) attached?  yes  no  
*09/938443*

4. Application number(s) or patent number(s): **PD-201116**  
If this document is being filed together with a new application, the execution date of the application is:  
**August 20 and 21, 2001**  
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:  
Name: **HUGHES ELECTRONICS CORPORATION**  
Internal Address: Bldg. 001, M/S A109  
PO Box 956  
200 N. Sepulveda Blvd.  
El Segundo, CA 90245-0956

6. Total number of applications and patents involved: [ 1 ]  
7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
50-0383  
(Attached duplicate copy of this page if paying by deposit account)

09/04/2001 AAHMD1 00000016 500383 09938443  
01 FC:581 40.00 CH

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*  
**VIJAYALAKSHMI D. DURAISWAMY**  
Name of Person Signing  
REG. NO. 31,505  
*Vijayalakshmi D Duraiswamy* Signature  
**August 23, 2001** Date  
Total number of pages including cover sheet, attachments, and documents: **[4]**

## ASSIGNMENT

Page 1 of 2  
PD-201116

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) AUTOMATED CONFIGURATION OF A VIRTUAL PRIVATE NETWORK for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_; and

WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Douglas A. Cheline	INVENTOR'S SIGNATURE <i>[Signature]</i>	DATE 8/20/01
RESIDENCE (CITY AND STATE) San Jose, California	INVENTION AGREEMENT DATE	

FULL NAME OF SOLE OR JOINT INVENTOR Michael Ma	INVENTOR'S SIGNATURE <i>[Signature]</i>	DATE 08/20/01
RESIDENCE (CITY AND STATE) Campbell, California	INVENTION AGREEMENT DATE	

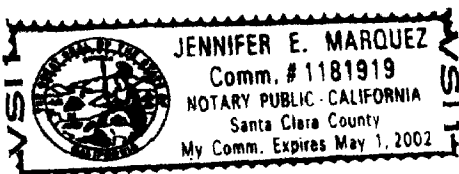
FULL NAME OF SOLE OR JOINT INVENTOR Ye Zhang	INVENTOR'S SIGNATURE <i>[Signature]</i>	DATE 08/21/01
RESIDENCE (CITY AND STATE) Milpitas, California	INVENTION AGREEMENT DATE	

FULL NAME OF SOLE OR JOINT INVENTOR Lester J. Chong	INVENTOR'S SIGNATURE <i>[Signature]</i>	DATE 08/20/01
RESIDENCE (CITY AND STATE) San Jose, California	INVENTION AGREEMENT DATE	

STATE OF California )  
 COUNTY OF Santa Clara ) SS:  
 On August 20, 2001 before me, Jennifer E. Marquez,  
 a Notary Public in and for said State, personally appeared  
Douglas A. Cheline

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.



Notary Public Jennifer E. Marquez

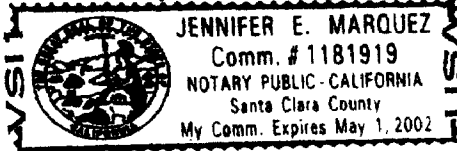
STATE OF California )  
COUNTY OF Santa Clara )

SS:

On August 20, 2001 before me, Jennifer E. Marquez,  
a Notary Public in and for said State, personally appeared  
Michael Ma

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.



Notary Public Jennifer E. Marquez

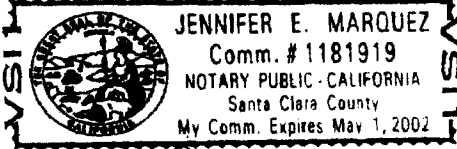
STATE OF California )  
COUNTY OF Santa Clara )

SS:

On August 21, 2001 before me, Jennifer E. Marquez,  
a Notary Public in and for said State, personally appeared  
Ye Zhang

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.



Notary Public Jennifer E. Marquez

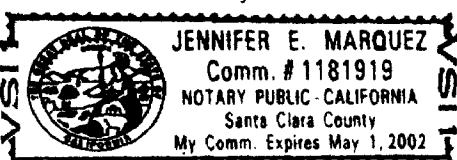
STATE OF California )  
COUNTY OF Santa Clara )

SS:

On August 20, 2001 before me, Jennifer E. Marquez,  
a Notary Public in and for said State, personally appeared  
Lester J. Chong

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.



Notary Public Jennifer E. Marquez