



06-07-2002



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FORM PTO-1595  
U.S. DEPARTMENT OF COMMERCE  
12/10/93  
Patent and Trademark Office  
Attorney Docket No.01920693

To the Assistant Commissioner for Patents: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies): QING CHEN AND QIAN CHEN  
Additional name(s) of conveying party(ies) attached? Yes No
2. Name and address of receiving party(ies):  
Name: U.S. Robotics  
Internal Address: \_\_\_\_\_  
Street Address: 935 National Parkway  
City: Schaumburg, Illinois 60173  
Additional name(s) & address(es) attached? Yes No
3. Nature of conveyance: *5.28.02*  
 Assignment      Merger  
Security Agreement      Change of Name  
Other \_\_\_\_\_

Execution Date(s): May 8, 2002 and May 13, 2002

4. Application number(s) or patent number(s): Serial No.: 10/112,996

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
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: Wayne L. Tang  
Internal Address: Mayer, Brown, Rowe & Maw  
Street Address: P.O. Box 2828  
City: Chicago State: Illinois ZIP: 60690-2828
6. Total number of applications and patents involved: \_\_\_\_\_
7. Total fee (37 CFR 3.41)..... \$ 40.00  
Enclosed  
Authorized to be charged to deposit account for fee set forth above or any additional charges required.
8. Deposit account number: 13-0019

(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.

Wayne L. Tang, Reg. No. 36,028  
Name of Person Signing

*Wayne L. Tang*  
Signature

May 28, 2002  
Date

Total number of pages including cover sheet:

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

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**ASSIGNMENT**

WHEREAS, QUING CHEN and QIAN CHENG, the undersigned assignors having their residence as set forth below, have an invention for:

**SYSTEMS AND METHOD FOR IMPROVING TIMING PHASE ESTIMATION**

as described and set forth in the application executed by me of March 29, 2002, Serial No. 10/112,996, preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, U.S ROBOTICS CORPORATION (hereinafter referred to as "Assignee"), a company organized under the laws of Delaware with its principal place of business at 935 National Parkway, Schaumburg, Illinois 60273 desires to acquire the entire right, title and interest in and to said invention, improvements, application and any Letters Patents which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof in all countries throughout the world;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors and assigns, the entire right, title and interest in and to said invention, improvements, and into said application and any Letters Patents which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof, and I authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications, or patents resulting therefrom, insofar as my interest is concerned, unto Assignee in accordance with this Assignment.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee, its successors and assigns or their representatives, any facts known to me respecting said invention and improvements; and, at the expense of Assignee, I will testify in any legal proceedings relating thereto, sign all lawful papers, execute all divisional, continuing, reissue and substitute applications, make all rightful oaths and declarations, and, in addition, execute any and all documents required to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

I covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Signature of Inventor: *Qing Chen*

Inventor's Name: QING CHEN

Residence: 4903 Central Ave. #129  
Fremont, CA 94536

Citizenship: P. R. China

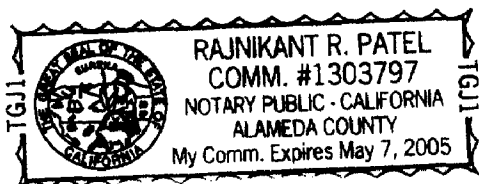
Date: 05/13/2002

Subscribed and sworn to before me  
this 13 day of May, 2002.

Rajnikant R. Patel  
(Notary Public)

My Commission expires May-07-2005

S E A L



Signature of Inventor: Qian Chen

Inventor's Name: QIAN CHEN

Residence: 820 Annie Glidden Rd, #105  
DeKalb IL 60115

Citizenship: P.R. China

Date: 5/8/2002

Subscribed and sworn to before me  
this 8 day of MAY, 2002.

Jill E Terreberry  
(Notary Public)

My Commission expires 07-24-2005

SEAL

