

03-18-1999



100987259

to the Honorable Commissioner of Patents  
Please record the attached original document

INTERNATIONAL BOX ASSIGNMENTS

U.S. PTO  
09/25/99  
02/24/99

1. Name of conveying party(ies):  
Chung-Wei KU and Fu-Yen KUO

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

2. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: February 11, 1999

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

Name: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

Internal Address:

Street Address: G500, Bldg. 14, 195, Section, Chung Hsing Rd., Chutung, Hsinchu 31015, Taiwan, R.O.C.

City:

State: | | Zip Code: | |

Additional name(s) & 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: February 11, 1999

A. Patent Application Number(s):  
1/08/1999 PSTANBAC 00000112 09256347

B. Patent Number(s):

Additional numbers attached?  Yes  No

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

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-3315

6. Total number of applications and registrations involved: 1


7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

8. Deposit account number: 06-0916

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.

Ernest F. Chapman  February 24, 1999

Signature Date

Total number of pages including cover sheet, attachments and documents: 2

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**METHODS AND APPARATUS TO DESPREAD DUAL CODES FOR CDMA SYSTEMS**

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_\_, 19\_\_ (Serial No. \_\_\_\_\_); and

WHEREAS, Industrial Technology Research Institute, an institute of Taiwan, R.O.C. whose post office address is G500, Bldg. 14, 195, Section, Chung Hsing Rd., Chutung, Hsinchu 31015, Taiwan, R.O.C. (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. \_\_\_\_\_, filed \_\_\_\_\_ (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Feb. 11, 1999  
Date

Chung-Wei Ku  
Chung-Wei Ku

Feb. 11, 1999  
Date

Fu-Yen Kuo  
Fu-Yen Kuo