



ASSIGNMENT

WHEREAS, we, Jainendra Kumar of 4924 Esguerra Terrace, Fremont, CA 94555; Joseph C. Harrow of 637 Greylyn Drive, San Ramon, CA 94583; Lucy Chiu of 41644 Chiltern Drive, Fremont, CA 94539; Sami Khan of 270 Tuolumne Drive, Fremont, CA 94539; and Wen Huang of 10371 Prune Tree Lane, Cupertino, CA 95014, have invented a certain new and useful invention entitled METHOD AND APPARATUS TO USE NON-VOLATILE READ/WRITE MEMORY FOR BOOTSTRAP CODE AND PROCESSES, for which an application for Letters Patent of the United States has been prepared and filed on June 28, 2000, receiving Serial No. 09/606,968, and further identified as Attorney File No. 4103-75824;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Cisco Technology Inc., California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Cisco Technology Inc. and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.


The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Cisco Technology Inc., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

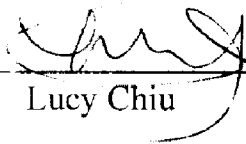
Date: 11/02/00

By:   
Jainendra Kumar

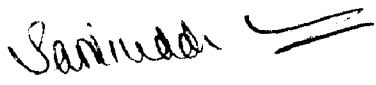
Date: 11/02/00

By:   
Joseph C. Harrow

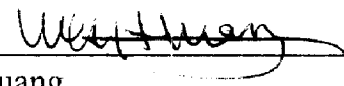
Date: 11/2/2000

By:   
Lucy Chiu

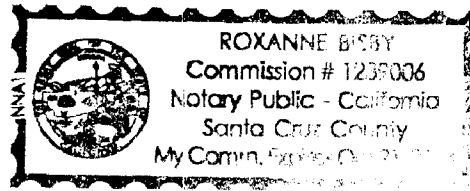
Date: 11/2/2000

By:   
Sami Khan

Date: 11/2/2000

By:   
Wen Huang

STATE OF California )  
 ) SS.  
COUNTY OF Santa Clara )



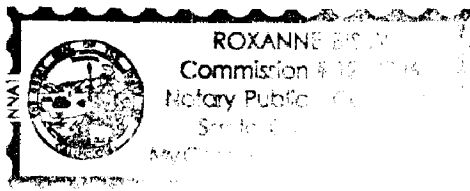
Before me, a Notary Public in and for said County and State, personally appeared Jainendra Kumar, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 2 day of Nov., 2000.

Roxanne Bisby  
Notary Public

My Commission Expires: 10-21-03

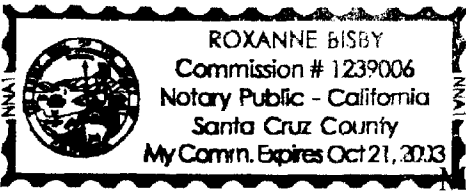
STATE OF California )  
 ) SS.  
COUNTY OF Santa Clara )



Before me, a Notary Public in and for said County and State, personally appeared Joseph C. Harrow, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

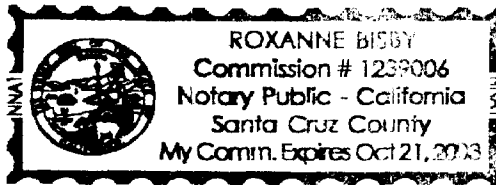
Given under my hand and seal of office this 2 day of NOV., 2000.

Roxanne Bisby  
Notary Public



My Commission Expires: 10-21-03

STATE OF California )  
 ) ss.  
COUNTY OF Santa Clara )



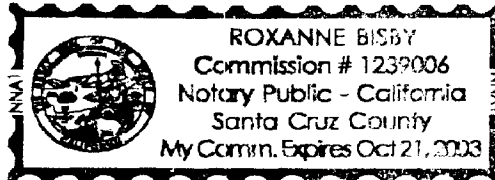
Before me, a Notary Public in and for said County and State, personally appeared Lucy Chiu, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 2 day of Nov., 2000.

Roxanne Bisby  
Notary Public

My Commission Expires: 10-21-03

STATE OF California )  
 ) ss.  
COUNTY OF Santa Clara )



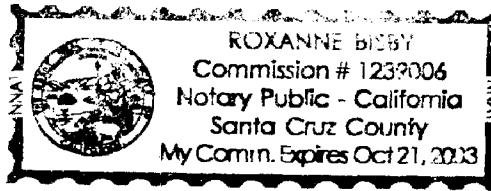
Before me, a Notary Public in and for said County and State, personally appeared Sami Khan, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 2 day of Nov, 2000.

Roxanne Bisby  
Notary Public

My Commission Expires: 10-21-03

STATE OF California )  
 ) ss.  
COUNTY OF Santa Clara )



Before me, a Notary Public in and for said County and State, personally appeared Wen Huang, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 2 day of Nov., 2000.

Roxanne Bisby  
Notary Public

My Commission Expires: 10-21-03