

11-02-2000

Substitute Form PTO-1595
Attorney Docket No.: 08452-017001

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Ross S. Heitkamp and Chang-Hong Wu Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): JUNIPER NETWORKS, INC. 1194 North Mathilda Avenue Sunnyvale, CA 94089-1206 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 09/11/00 and 09/08/00	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 09/536,886 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: MARK D. KIRKLAND Fish & Richardson P.C. 2200 Sand Hill Road, Suite 100 Menlo Park, CA 94025	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> Mark D. Kirkland Reg. No. 40,048 Name of Person Signing Signature: Date: 10/11/00	
Total number of pages including coversheet, attachments and document: 4	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

October 11, 2000
Date of Deposit

Signature

Mari Kleineidam
Typed Name of Person Signing Certificate

PATENT
REEL: 011189 FRAME: 0700

ASSIGNMENT

For valuable consideration, we, ROSS S. HEITKAMP of Mountain View, CA and CHANG-HONG WU of Cupertino, CA, hereby assign to JUNIPER NETWORKS, INC., a corporation having a place of business at:

1194 North Mathilda Avenue

Sunnyvale, CA 94089-1206

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled GLITCHLESS CLOCK SWITCHOVER, filed March 28, 2000, and assigned U.S. Serial Number 09/536,886, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand.

ROSS S. HEITKAMP
2044 Carol Avenue
Mountain View, CA 94040

Signature: Ross S. Heitkamp
Date: 11 September 2000

State of California)
) ss:
County of Santa Clara)

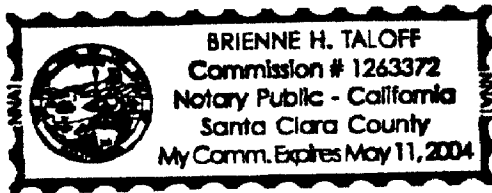
On this 11th day of September, 20 00, before me, Brienne H. Taloff, Notary Public, personally appeared ROSS S. HEITKAMP personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Brienne H. Taloff
Signature of Notary Public


[Notary's Seal Here]

My Commission Expires: May 11, 2004



IN WITNESS WHEREOF, I hereto set my hand.

CHANG-HONG WU
19961 Merritt Drive
Cupertino, CA 95014

Signature: 

Date: 9/8/2000

State of California)
) ss:
County of Santa Clara)

On this 8th day of September, 20 00, before me, Brienne H. Taloff, Notary Public, personally appeared CHANG-HONG WU personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Signature of Notary Public

My Commission Expires: May 11, 2004

[Notary's Seal Here]

