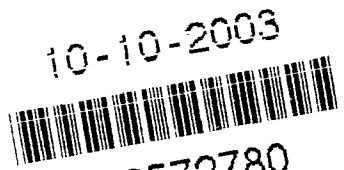


9-25-03



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original documents or copy thereof.

Name of conveying party(ies):
Pratap Pereira
Execution Date (Month/Day/Year):
09/19/2003

Name and address of receiving party(ies):
Juniper Networks, Inc.
1194 North Mathilda Avenue
Sunnyvale, California 94089-1206

03940 U.S. PTO
10/670944

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

Additional name(s) & address(es) attached? Yes No

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This document is being filed with a new patent application on September 25, 2003.
 This document is to be recorded against the following patent application or patent:

Patent Application No.(s)

10670944

Patent No.(s)

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

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Name: Kent J. Sieffert
Address: Shumaker & Sieffert, P.A.
8425 Seasons Parkway, Suite 105
St. Paul, MN 55125

Total fee (37 CFR 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account

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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.

Kent J. Sieffert
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Kent J. Sieffert
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ASSIGNMENT

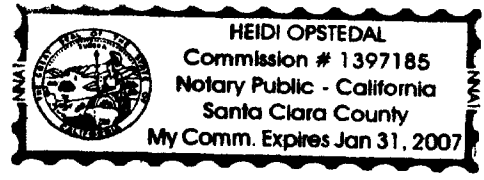
For valuable consideration, I, Pratap Pereira of 1092 Strayer Drive, San Jose, California, 95129, hereby assign to: Juniper Networks, Inc. having a place of business at: 1194 N. Mathilda Avenue, Sunnyvale, California 94089-1206; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled NETWORK TRAFFIC MONITORING AND REPORTING USING HEAP-ORDERED PACKET FLOW REPRESENTATION filed herewith, 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.

Date: 9/19/03 _____
Pratap Pereira
Pratap Pereira

State of California
County of Santa Clara) ss:

On this 19 day of September, 2003, before me, Heidi Opstedal, Notary Public, personally appeared Pratap Pereira personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature 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.



Heidi Opstedal
Signature of Notary Public
My Commission Expires: 1/31/07