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To the Honorable Commissioner of Patents and

102200398

Original documents or copy thereof.

1. Name of conveying party(ies) 8-20-02
1) DOLSON, David 2) DESMOND, Matthew
3) KUHN, Jim
Additional name(s) of conveying party(ies) attached?
Yes ☐ No ☒

2. Names and address of receiving party(ies):
Name: SANDVINE INCORPORATED
Internal Address:

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
Other
Execution Date: July 23, 2002

Street Address: 408 Albert street

City: Waterloo State: Ontario
ZIP: N2L 3V2
Country: Canada

Additional names/addresses 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 is:

A. Patent Application No. (s) 10/179,168

B. Patent No.(s)

Additional numbers attached? Yes ☐ No ☒

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

Name: H. Roger Hart

Internal Address: c/o Bereskin & Parr

6. Total number of applications
and patents involved: 1

Street Address: Box 401, 40 King Street West

City: Toronto State: Ontario ZIP: M5H 3Y2

Country: Canada

7. Total fee (37 CFR 3.41)..... \$ 40.00

☒ Enclosed (cheque No. 4564)

☒ Authorized to charge any deficiency or credit any
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8. Deposit account number:

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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
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H. Roger Hart, Regn. 26,426
Name of Person Signing
BP File # 12824-004/HRH

Signature

Total number of pages including cover sheet: 3

August 19, 2002
Date

OMD No. 0651 (exp. 4/94)

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PATENT
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WORLDWIDE ASSIGNMENT

WHEREAS we,

- 1) **David DOLSON,**
- 2) **Matthew DESMOND and**
- 3) **Jim KUHN**

whose full post office addresses are

- 1) 427 Brentcliffe Drive, Waterloo, Ontario, N2T 2J6, Canada
- 2) 17 Highbrook Street, Kitchener, Ontario, N2E 3N9, Canada
- 3) 345 Skyview Pl., Waterloo, Ontario, N2V 1S3, Canada

have invented an invention entitled **A TCP PROXY PROVIDING APPLICATION LAYER MODIFICATIONS** for which an application for United States Letters Patent was filed in the United States Patent Office on June 26, 2002 under serial number 10/179,168, under the above title,

AND WHEREAS SANDVINE INCORPORATED a corporation of Ontario, Canada of 408 Albert Street, Waterloo, Ontario, Canada, N2L 3V2, has acquired from us the whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said application,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of all of which is hereby acknowledged, we **David DOLSON, Matthew DESMOND and Jim KUHN**, by these presents confirm that we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said **SANDVINE INCORPORATED**, the full and exclusive right to the said invention in the United States of America and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and the entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part and extensions of said application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letters Patent.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said **SANDVINE INCORPORATED**, the assignee of the entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely

as the same would have been held by us had this assignment and sale not been made.

SIGNED this 23rd day of July, 2002, at Waterloo, Ontario, Canada.

David C. Dolson

David DOLSON

M. Schisler

Witness: Mark Schisler

SIGNED this 23rd day of July, 2002, at Waterloo, Ontario, Canada.

Matthew Desmond

Matthew DESMOND

M. Schisler

Witness: Mark Schisler

SIGNED this 23rd day of July, 2002, at Waterloo, Ontario, Canada.

Jim Kuhn

Jim KUHN

M. Schisler

Witness: Mark Schisler