

Form PTO-1595 (Rev. 01-09)  
OMB No. 0651-0027 (exp. 02/28/2009)

U.S. DEPARTMENT OF COMMERCE  
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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
  
Johnathan O. Vail  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: ENTEGRIS, INC.  
Internal Address: \_\_\_\_\_  
Street Address: 129 Concord Road  
City: Billerica  
State: MA  
Country: US Zip: 01821-4600  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) May 5, 2008  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
  
13/072,988 (Atty Docket No. ENTG1920-2)  
  
Additional numbers attached?  Yes  No

B. Patent No.(s)

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Sprinkle IP Law Group (Cust. No. 44654)  
Internal Address: \_\_\_\_\_  
Street Address: 1301 W. 25th Street, Suite 408  
City: Austin  
State: Texas Zip: 78705  
Phone Number: 512-637-9220  
Fax Number: 512-371-9088  
Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
  
Deposit Account Number: 503183  
Authorized User Name: Katharina W. Schuster

**9. Signature:** *Katharina Schuster* May 13, 2011  
Signature Date  
Katharina W. Schuster, Reg. No. 50,000  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT**

CH \$40.00 503183 13072988

ATTORNEY DOCKET  
ENTG1920-1

Copy  
From  
Parent

PATENT APPLICATION  
Serial No. \_\_\_\_\_

1

ASSIGNMENT

This Assignment is made by **Johnathan O. Vail** of **Nashua, NH** ("Assignor").

WHEREAS, Assignor has invented a new and useful invention entitled "**NETWORK INTERFACE DEVICE**", for which an application for United States Patent is made, said application being submitted concurrently herewith; and

WHEREAS, Assignor believes himself to be the original inventor of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, and transfers to **Entegris, Inc.** having a principal place of business at **3500 Lyman Boulevard, Chaska, MN 55318** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said invention, said Applications and any Patents that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

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ENTG1920-1

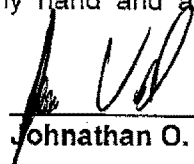
PATENT APPLICATION  
Serial No. \_\_\_\_\_

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignor authorizes and requests the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

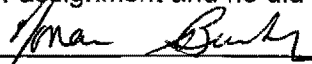
IN WITNESS WHEREOF, Assignor has executed this Assignment on the date provided below.

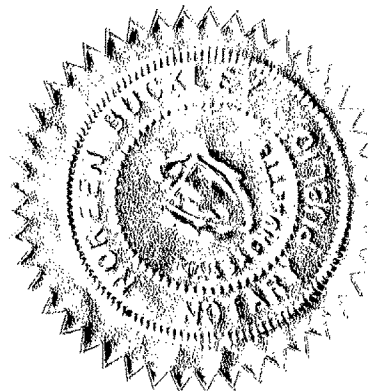
IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 5 day of May, 2008.

  
\_\_\_\_\_  
Johnathan O. Vail

State of Massachusetts )  
County of Middlesex )ss

On this day and year aforesaid, before me personally appeared **Johnathan O. Vail**, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

  
\_\_\_\_\_  
Signature  
Noreen Buckley  
Printed Name, Notary Public  
My commissioner expires: \_\_\_\_\_



Noreen Buckley  
Notary Public  
My Commission Expires  
November 6, 2009