

Form PTO-1595 (Rev. 10-08)
OMB No. 0651-0027 (exp. 11/30/2008)

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)

Robert F. McLoughlin

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 11, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Entegris, Inc.

Internal Address: _____

Street Address: 3500 Lyman Boulevard

City: Chaska

State: MN

Country: US

Zip: 55318

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

4. Application or patent number(s):

A. Patent Application No.(s)

12/377,108 (Attorney Docket No. ENTG1851)

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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: _____

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 W. Schuster
Signature

March 20, 2009
Date

Katharina W. Schuster, Reg. 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

CH \$40.00 503183 12377108

700403486

PATENT
REEL: 022456 FRAME: 0230

ATTORNEY DOCKET
ENTG1851-US

Serial No. 12/377,108

- 1 of 2 -

ASSIGNMENT

This Assignment is made by **Robert F. McLoughlin**, of **Pelham, NH** ("Assignor").

WHEREAS, Assignor has invented a new and useful invention entitled **"AUTO RANGING SYSTEM AND METHOD FOR AN ANALOG SIGNAL"**, for which an application for United States Letters Patent was made on **February 10, 2009** bearing an application number of **12/377,108**; 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.

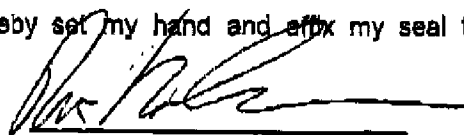
Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, 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.

ATTORNEY DOCKET
ENTG1861-US

Serial No. 12/377,106

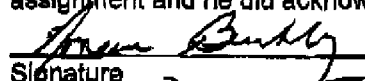
- 2 of 2 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 11 day of March, 2009.


Robert F. McLoughlin

State of Massachusetts)
County of Middlesex)ss

On this day and year aforesaid, before me personally appeared Robert F. McLoughlin, 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: 11/6/09

Noreen Buckley
Notary Public
My Commission Expires
November 6, 2009

