

Form PTO-159 (Rev. 06/04)  
OMB No. 0650-0027 (exp. 6/30/2005)

08-09-2004

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



102809484

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)/Execution Date(s):**

David E. Whitehead  
Gregory C. Zweigle  
David J. Casebolt

Execution Date(s) October 7th and 8th, 2003

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

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Schweitzer Engineering Laboratories, Inc.

Internal Address: \_\_\_\_\_

Street Address: 2350 NE HOPKINS COURT

City: PULLMAN

State: WASHINGTON

Country: USA Zip: 99163-5603

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

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

10/645,418

B. Patent No.(s)

08/05/2004 MAHRED1 00000025 10645418

RE FE:8021 40.00 DP

Additional numbers attached?  Yes  No

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

Name: David M. Mundt

Internal Address: \_\_\_\_\_

Street Address: 200 West Adams Str., Suite 2850

City: Chicago

State: Illinois Zip: 60606

Phone Number: 312-984-0144

Fax Number: 312-984-0146

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 by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

David M. Mundt  
Signature

8/2/04  
Date

David M. Mundt

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

8

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, we, David E. Whitehead, Gregory C. Zweigle and David J. Casebolt (hereinafter referred to as ASSIGNORS), having post office addresses of 2145 NW Robert Drive, Pullman, WA, NW 1552 Leland, Pullman, WA and 312 N Grant, Moscow, ID 83843, respectively, are the inventors of an invention entitled "**SYSTEM FOR SYNCHRONOUS SAMPLING AND TIME-OF-DAY CLOCKING USING AN ENCODED TIME SIGNAL**", as described and claimed in the specification for which an application for United States letters patent was filed on August 20, 2003, receiving Serial No. 10/645,418, and

WHEREAS, Schweitzer Engineering Laboratories, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the state of Washington, having a place of business at 2350 NE Hopkins Court, Pullman, WA 99163, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

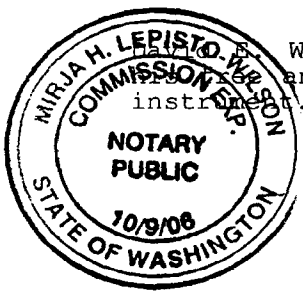
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. Assignor agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Date 10/7/03

David E. Whitehead  
David E. Whitehead

State of Washington )  
County of Whitman ) ss.

I certify that I know or have satisfactory evidence that Whitehead signed this instrument and acknowledged it to be and voluntary act for the uses and purposes mentioned in the instrument.



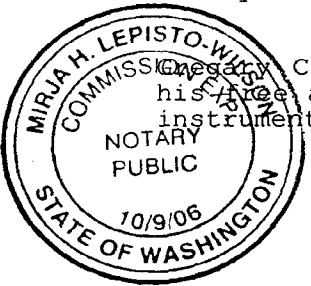
Dated October 7, 2003  
Signature of Mirja H. Lepisto-Wilson  
Notary Public  
My appointment expires 10/09/2006

Date 10/7/03

Gregory C. Zweigle  
Gregory C. Zweigle

State of Washington )  
County of Whitman ) ss.

I certify that I know or have satisfactory evidence that Gregory C. Zweigle signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated October 7, 2003  
Signature of Mirja H. Lepisto-Wilson  
Notary Public  
My appointment expires 10/09/06

Date 10/8/03

David J. Casebolt  
David J. Casebolt

State of Washington )  
County of Latah ) ss.

I certify that I know or have satisfactory evidence that David J. Casebolt signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated October 8, 2003  
Signature of Mirja H. Lepisto-Wilson  
Notary Public  
My appointment expires 10/09/06