

**PATENTS ONLY**

Express Mail Label No.: EV334039848US

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Brent Dimick, James B. Klingensmith and Elton Armstrong**

10-07-2004



102854708

Additional name(s) of conveying party(ies) attached?

3. Nature of conveyance: **Assignment**

Execution Date:

**Brent Dimick September: 25, 2004**

**James B. Klingensmith: September 24, 2004**

**Elton Armstrong: September 27, 2004**

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

**Vernier Networks, Inc.**

**465 National Avenue**

**Mountain View, CA 94043**

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

9-29-04

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: **9/29/2004**

A. Patent Application No.(s)

B. Patent No.(s)

☐ Additional numbers attached

10953431

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

**Charles E. Gottlieb**

**Innovation Partners**

**540 University Avenue**

**Suite 300**

**Palo Alto CA 94301**

**US**

6. Total number of applications and patents involved

7. Total fee (37 CFR 3.41).....\$ **40**

☒ Enclosed

☒ Authorize to charge deposit account for any deficiencies

☐ Authorized to be charged to deposit account

8. Deposit account number:

**07-1738**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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.

**Charles E. Gottlieb**

Name of Person Signing

Signature

**9/29/04**

Date

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

**7**

22278 U.S. PTO  
10/953431  
092904

# ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Brent Dimick, James B. Klingensmith and Elton Armstrong do hereby sell, assign and transfer unto Vernier Networks, Inc., a Delaware corporation having its principal place of business at 465 National Avenue, Mountain View, CA 94043 (the "Assignee"), and its successors and assigns, the entire title, interest and right, including the right of priority, in, to and under an application for Letters Patent of the United States, attorney docket number 1363, entitled, "SYSTEM AND METHOD FOR PROVIDING DIFFERENT POLARITIES OF POWER SUPPLIED OVER ETHERNET CABLES" filed by us with the United States Patent and Trademark Office on 9/29/2004, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor or corresponding thereto;

and for the above consideration, upon request of the Assignee, its successors or assigns, we will promptly communicate any facts known to us respecting said application and the invention set forth therein, and will promptly execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its heirs, successors or assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto, and will promptly cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication and re-examination of said Letters Patent, provided the expenses which may be incurred by us in lending such cooperation and assistance be paid by the Assignee, its successors or assigns.

This Assignment may be executed in one or more counterparts, each of which will be deemed an original and all of which taken together shall constitute one assignment.

IN WITNESS WHEREOF, we hereunto set our hand and seal on the date set forth below.

Dated: 9/25/04   
Brent Dimick

Dated: \_\_\_\_\_  
James B. Klingensmith

Dated: \_\_\_\_\_  
Elton Armstrong

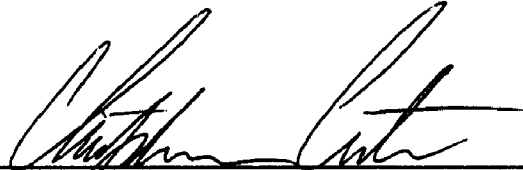
# NOTARY ACKNOWLEDGEMENT

Title of Document: Assignment re: SYSTEM AND METHOD FOR PROVIDING DIFFERENT POLARITIES OF POWER SUPPLIED OVER ETHERNET CABLES

State of California  
County of San Mateo

On September 25, 2004, before me, Christopher Wayne Caton, Notary Public, personally appeared Brent Dimick, ~~James B. Klingensmith and Elton Armstrong~~, personally known to me or proved to me on the basis of satisfactory evidence to be the person or persons whose name(s) is/are subscribed to the within instrument and each acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which person acted, executed the instrument.

Witness my hand and official seal.

  
\_\_\_\_\_  
Notary Public

Notary's Seal



# ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Brent Dimick, James B. Klingensmith and Elton Armstrong do hereby sell, assign and transfer unto Vernier Networks, Inc., a Delaware corporation having its principal place of business at 465 National Avenue, Mountain View, CA 94043 (the "Assignee"), and its successors and assigns, the entire title, interest and right, including the right of priority, in, to and under an application for Letters Patent of the United States, attorney docket number 1363, entitled, "SYSTEM AND METHOD FOR PROVIDING DIFFERENT POLARITIES OF POWER SUPPLIED OVER ETHERNET CABLES" filed by us with the United States Patent and Trademark Office on 9/29/2004, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor or corresponding thereto;

and for the above consideration, upon request of the Assignee, its successors or assigns, we will promptly communicate any facts known to us respecting said application and the invention set forth therein, and will promptly execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its heirs, successors or assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto, and will promptly cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication and re-examination of said Letters Patent, provided the expenses which may be incurred by us in lending such cooperation and assistance be paid by the Assignee, its successors or assigns.

This Assignment may be executed in one or more counterparts, each of which will be deemed an original and all of which taken together shall constitute one assignment.

IN WITNESS WHEREOF, we hereunto set our hand and seal on the date set forth below.

Dated: \_\_\_\_\_  
Brent Dimick

Dated: 24 Sept. '04 James B. Klingensmith  
James B. Klingensmith

Dated: \_\_\_\_\_  
Elton Armstrong

# NOTARY ACKNOWLEDGEMENT

Title of Document: Assignment re: SYSTEM AND METHOD FOR PROVIDING DIFFERENT POLARITIES OF POWER SUPPLIED OVER ETHERNET CABLES

State of California  
County of Santa Clara

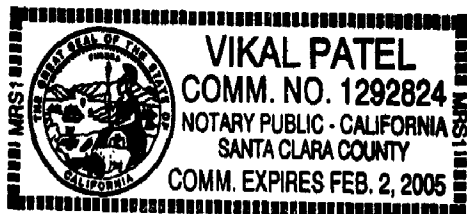
On September 24, 2004, before me, Vikal Patel, Notary Public,  
personally appeared ~~Brent Dimick~~, James B. Klingensmith and ~~Elton Armstrong~~, personally  
~~known to me or~~ proved to me on the basis of satisfactory evidence to be the person or persons  
whose name(s) (s) is/are subscribed to the within instrument and each acknowledged to me that  
(s) he/she executed the same in (s) his/her authorized capacity, and that by (s) his/her signature on the  
instrument the person, or the entity upon behalf of which person acted, executed the instrument.

Witness my hand and official seal.



\_\_\_\_\_  
Notary Public

Notary's Seal



Case 1363

PATENT  
REEL: 015850 FRAME: 0398

## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, Brent Dimick, James B. Klingensmith and Elton Armstrong do hereby sell, assign and transfer unto Vernier Networks, Inc., a Delaware corporation having its principal place of business at 465 National Avenue, Mountain View, CA 94043 (the "Assignee"), and its successors and assigns, the entire title, interest and right, including the right of priority, in, to and under an application for Letters Patent of the United States, attorney docket number 1363, entitled, "SYSTEM AND METHOD FOR PROVIDING DIFFERENT POLARITIES OF POWER SUPPLIED OVER ETHERNET CABLES" filed by us with the United States Patent and Trademark Office on 9/29/2004, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor or corresponding thereto;

and for the above consideration, upon request of the Assignee, its successors or assigns, we will promptly communicate any facts known to us respecting said application and the invention set forth therein, and will promptly execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its heirs, successors or assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto, and will promptly cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication and re-examination of said Letters Patent, provided the expenses which may be incurred by us in lending such cooperation and assistance be paid by the Assignee, its successors or assigns.

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Dated: \_\_\_\_\_  
Brent Dimick

Dated: \_\_\_\_\_  
James B. Klingensmith

Dated: 9.27.04 \_\_\_\_\_  
Elton Armstrong

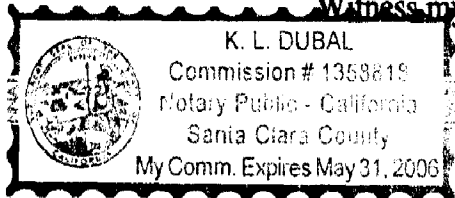
# NOTARY ACKNOWLEDGEMENT

Title of Document: Assignment re: SYSTEM AND METHOD FOR PROVIDING DIFFERENT POLARITIES OF POWER SUPPLIED OVER ETHERNET CABLES

State of california  
County of Santa Clara

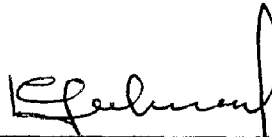
On sept 27, 2004, before me, K. L. DUBAL,  
personally appeared ~~Brent Dimick, James B. Klingensmith and Elton Armstrong, personally~~  
~~known to me~~ or proved to me on the basis of satisfactory evidence to be the person or persons  
whose name(s) is/~~are~~ subscribed to the within instrument and each acknowledged to me that  
he/~~she~~ executed the same in his/her authorized capacity, and that by his/~~her~~ signature on the  
instrument the person, or the entity upon behalf of which person acted, executed the instrument.

Witness my hand and official seal.



Notary's Seal

Notary Public

  
\_\_\_\_\_

Case 1363

RECORDED: 09/29/2004

PATENT  
REEL: 015850 FRAME: 0400