

RECORDED

PATENT 102911259

12-27-2004

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):

PFAHNL, Andreas C.

Execution Date(s) 10/13/04

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: Teradyne, Inc.

Internal Address: _____

Street Address: 321 Harrison Avenue

City: Boston

State: MA

Country: USA

Zip: 02118

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

4. Application or patent number(s):

A. Patent Application No.(s)

10/954,441

☐ 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: Bruce D. Rubenstein

Internal Address: _____

Street Address: 405 Waltham St, #404

City: Lexington

State: MA Zip: 02421

Phone Number: 781-274-0202

Fax Number: 781-274-0201

Email Address: bdr@bdr-law.com

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:

Bruce D. Rubenstein

Signature

12/16/2004

Date

Bruce D. Rubenstein

Name of Person Signing

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

4

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

12/23/2004 ECOOPER 00000002 10954441

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PATENT
REEL: 016091 FRAME: 0865

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Teradyne, Inc. ("Teradyne"), a corporation of Massachusetts, having a place of business at 321 Harrison Avenue, Boston, Massachusetts, 02118, the entire right, title and interest for the United States and any and all foreign countries in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled

"MODULAR LIQUID COOLING OF ELECTRONIC ASSEMBLIES",

(Atty. docket no. TERAD-4-US) for which I am named as an inventor; such application and all divisional, continuing, substitute, renewal, reissue and all other applications which have been or shall be filed in the United States and all other foreign countries on such inventions; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions or applications to Teradyne;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others, and that the full right to convey the same is possessed by me;

COVENANT, when requested and at the expense of Teradyne, to carry out in good faith the intent and purpose of this assignment by: executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such inventions; executing all rightful oaths, declarations, assignments, powers of attorney and other papers; communicating to Teradyne all facts known to the undersigned relating to the invention and the history thereof; and generally doing everything possible which Teradyne shall consider desirable for vesting title to such improvements in Teradyne and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on my heirs, assigns, representatives and successors and to extend to the successors, assigns and nominees of Teradyne.

(Signature) _____

Date: _____

Name: PFAHNL, Andreas C.
29 Alpine Drive
Goffstown, NH 03045
USA

STATE OF

New Hampshire

COUNTY OF

Hillsboro ss.

BEFORE ME, the undersigned notary, today personally appeared before me
Andreas C. PFAHNL, known to me to be the person whose name is subscribed on the
foregoing instrument who acknowledged to me that he executed the same of his own free
will and as his free act and deed for the purposes and consideration therein expressed.

10-13-04

(Date)

Therese Corbett

(Signature of notary)

[SEAL]

MY COMMISSION EXPIRES: March 4, 2007

LAW OFFICE OF BRUCE D. RUBENSTEIN

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Phone: 781-274-0202

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December 16, 2004

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL FOR ASSIGNMENT

Transmitted herewith are:

2 page(s) of assignment
1 page(s) of recordation form cover sheet
1 check

FEE CALCULATION

Assignment Recordation Fee \$40.00

A check for the above fee is enclosed. Please date stamp and return the enclosed self-addressed, stamped post card to evidence receipt of this paper.

Respectfully Submitted,



Bruce D. Rubenstein
Attorney for Applicant
Reg. No. 39,349

Atty. Docket No. : TERAD-4-US
Telephone : 781-274-0202
Fax Number : 781-274-0201

RECORDED: 12/21/2004

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