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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):  
**R. GREGORY WOLF**

2. Name and address of receiving party(ies):  
**RUDOLPH TECHNOLOGIES, INC.  
ONE RANDOLPH ROAD  
FLANDERS, NEW JERSEY 07836**

3. Nature of conveyance:  
XXXXX Assignment \_\_\_\_\_ Merger  
\_\_\_\_\_ Security Agreement \_\_\_\_\_ Change of Name  
\_\_\_\_\_ Other: \_\_\_\_\_  
Execution Date: **June 4, 2001**

4. Application number(s) or application date(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Application/Patent No. B. Application Date  
**09/750,996** **December 29, 2000**

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

Harry F. Smith, Esq.  
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
One Landmark Square, 10<sup>th</sup> Floor  
Stamford, Connecticut 06901-2682 U.S.A.

6. Total No. of applications and patents involved: 1.

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.  
XXXXX Enclosed  
\_\_\_\_\_ Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. 01-0467. A duplicate copy of this Form is enclosed.

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.

Harry F. Smith  
Name of Person Signing

Signature

6/4/01  
Date

Total number of pages including cover sheet, attachments and document: 2.

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**PATENT**  
**REEL: 011870 FRAME: 0051**

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**ASSIGNMENT**

FOR valuable and legally sufficient considerations, receipt of which is hereby acknowledged, I, **R. GREGORY WOLF**, a citizen of the United States of America, and a resident of 15 Yorkshire Drive, Hackettstown, New Jersey 07840 have invented certain new and useful improvements in

**OPTICAL METROLOGY SYSTEM AND METHOD EMPLOYING  
LASER-SERVER SUPPLYING LASER ENERGY TO  
DISTRIBUTED SLAVE METROLOGY HEADS**

hereby assigns to **RUDOLPH TECHNOLOGIES, INC.**, a Delaware corporation having its principal office at One Randolph Road, Flanders, New Jersey 07836 (hereinafter referred to as "Assignee"), the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including any patent rights which may result from the application for United States Letters Patent which was filed in the United States Patent and Trademark Office on **December 29, 2000** and assigned Application Serial No. **09/750,996**, and any continuation, divisions, continuation-in-part applications, inventor's certificates and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignees for their own use and behoof and for the use and behoof of their successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by me had the assignment not been made.

AND I COVENANT and AGREE and WARRANT that I have full and unencumbered title to the invention hereby assigned, and I further covenant and agree that I have the right to grant such rights to said invention and application and Letters Patent and that I will, at any time upon request without cost to us or further

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compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, I have hereunto set my hand and seal:

Date: 6/4/01, 2001 *R. Gregory Wolf*  
By: **R. Gregory Wolf**

*Robert L. ...*  
Witness