

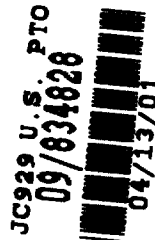
04-23-2001

Docket No.: PS-003.TB.P
press Mail No.: EF241422162US



101682510

ASSIGNMENT COVER SHEET FOR
PATENT APPLICATION



4-13-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard I. Hogrefe
Application No.: TBA
Filed: 13 April 2001
Title: "PRE-ACTIVATED CARBOXYL LINKER FOR THE MODIFICATION OF OLIGONUCLEOTIDES"

COVER SHEET FOR ASSIGNMENT OF PATENT APPLICATION
UNDER 37 C.F.R. §3.11

Honorable Commissioner of Patents and Trademarks
Washington D.C. 20231

Dear Sir:

As required under 37 C.F.R. 3.31 the following information is provided for the recording of an assignment of the identified patent application:

- (1) Party Conveying the Interest:**
Richard I. Hogrefe
- (2) The Name and Address of the Party Receiving the Interest:**
Trilink Biotechnologies, Inc.
6310 Nancy Ridge Drive, Suite 101
San Diego, CA 92121
- (3) A Description of the Transaction being Recorded:**
Conveyance of interest in the above identified patent application through assignment
- (4) Each Application Number Against which the Document is being Recorded:**
United States Patent Application No.: TBA
- (5) The Name of the Party to Whom Correspondence Should be Mailed:**
David B. Waller
11404 Sorrento Valley Road, Suite 104
San Diego, CA 92121
Phone No.: (858) 450-1357
Facsimile No.: (858) 450-2188
E-Mail: dwaller@patentsolutions.org
- (6) The Number of Applications Identified in this Cover Sheet and the Total Fee:**
one application, recording fee of \$40.00 enclosed
- (7) The Date the Document was Executed:**
April 13, 2001

04/18/2001 DTESSEN1 00000012 09834828

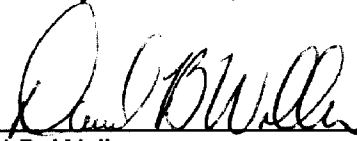
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I hereby declare that to the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "David B. Waller", written over a horizontal line.

David B. Waller
Patent Agent No.: 43,978

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

PS-003.TLB.P

Whereas, I, Richard I. Hogrefe of San Diego, CA, hereafter referred to as applicant, have invented certain new and useful improvements in Preactivated Carbonyl Linkers for the Modification of Oligonucleotides


for which an application for a United States Patent was filed on _____, Application Number _____/_____.

for which an application for a United States Patent was executed on 04-13-01, and

Whereas Trilink BioTechnologies of San Diego, CA herein referred to "assignee" whose post office address is 6310 Nancy Ridge Dr, ste 101 SD CA is de-
92121
sires of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 13 day of April, 19 2001,
at San Diego, CA



(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 19____.

Seal

(Notary Public)

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

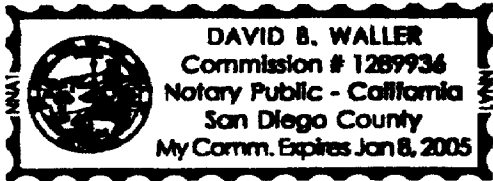
State of California }
County of SAN DIEGO } ss.

On APR 13, 2001, before me, DAVID B. WALLER
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared RICHARD I. HOGREFF
Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal

David B. Waller
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

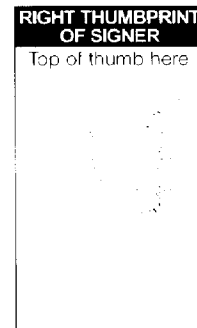
Document Date: APR 13, 2001 Number of Pages: 1

Signer(s) Other Than Named Above: NONE

Capacity(ies) Claimed by Signer

Signer's Name: RICHARD I. HOGREFF

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: HIMSELF