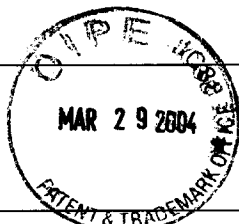


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Substitute PTO-1595  
(Rev. 10/02)



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04-22-2004



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

102727844

To the Honorable Commissioner of Patents and Trademarks, al documents or copy thereof.

1. Name of conveying party(ies)

Loon-Seng Tan  
Ramamurthi Kannan

3/29/04

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Dates: February 17, 2004

2. Name and address of receiving party(ies)

Name: The United States of America as represented by  
the Secretary of the Air Force

Internal Address: AFMCLO/JAZ

Bldg 11, Room 100

Street Address: 2240 B Street

City: Wright-Patterson AFB State: OH Zip: 45433

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

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: \_\_\_\_\_

A. Patent Application No.(s)

10/784,310

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence should be addressed:

Name: THOMAS L. KUNDERT

Internal Address: AFMCLO/JAZ

Bldg 11, Room 100

Street Address: 2240 B Street

City: Wright-Patterson AFB State: OH Zip: 45433

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) .....\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

AF 01-0465

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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.

THOMAS L. KUNDERT

Name of Person Signing

*Thomas L. Kundert*  
Signature

3/25/04  
Date

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

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PATENT  
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## ASSIGNMENT

WHEREAS I, Loon-Seng Tan, while employed by the Government of the United States, together with Ramamurthi Kannan, an employee of Systran Federal Corp., made an invention entitled **PHOTOINITIATORS FOR TWO-PHOTON INDUCED FREE-RADICAL POLYMERIZATION** and described in application for Letters Patent of the United States executed by me on the 17<sup>th</sup> day of February, 2004;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Loon-Seng Tan, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.

  
Loon-Seng Tan

SUBSCRIBED AND ACKNOWLEDGED before me this 17<sup>th</sup> day of February, 2004, at Wright-Patterson Air Force Base, in the County of Montgomery and State of Ohio.

  
Notary Public

(SEAL)

LINDA L. BIGL, Notary Public  
In and For the State of Ohio  
My Commission Expires May 30, 2008

## ASSIGNMENT

Application Title: PHOTOINITIATORS FOR TWO-PHOTON INDUCED FREE-RADICAL POLYMERIZATION

Inventor(s): Ramamurthi Kannan

Date Inventor(s) Signed Declaration: February 17, 2004

Contractor's Name: Systran Federal Corp.

Contract Number: F33615-94-C-5804

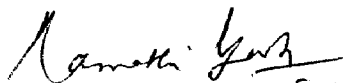
Contractor's Docket No.: \_\_\_\_\_

Air Force Docket No.: AFD658

The undersigned Inventor in recognition of his obligation as an employee of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract, hereby assign to the United States of America, as represented by the Secretary of the Air Force, his entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above U.S. patent application, made jointly with Loon-Seng Tan, an employee of the United States Government, and any substitution, division, continuation-in-part, or continuation of such patent application, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.

The Inventor agrees to assist the Contractor and the Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to prepare, file and prosecute such applications and make this assignment effective.

The Contractor joins in and agrees to this assignment and, except for the reservation of any license under the above contract, relinquishes and assigns to the United States of America as represented by the Secretary of the Air Force its entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the preparation, filing, and prosecution of such applications, for patent.

Ramamurthi Kannan

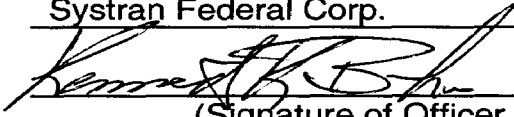
SUBSCRIBED AND ACKNOWLEDGED before me this 17<sup>th</sup> day of February 2004, at Wright-Patterson AFB, in the County of Montgomery and State of Ohio.

(seal)

  
Notary Public

LINDA L. BIGL, Notary Public  
In and For the State of Ohio  
My Commission Expires May 30, 2008

## FOR THE CONTRACTOR

Contractor Systran Federal Corp.  
By   
(Signature of Officer or Agent)  
Printed Name Kenneth K. Baker  
Date 22 March 2004  
Title President & Chief Operating Officer  
Business Address 4027 Colonel Glenn Highway, Suite 210  
Dayton OH 45431-1672

I, Lori M. Walton, certify that I am the  
Contracts Manager of the corporation named as Contractor herein; that  
Kenneth K. Baker who signed this assignment on  
behalf of the Contractor was the President & COO of said corporation;  
that said assignment was duly signed for and on behalf of said corporation by authority of its  
governing body, and is within the scope of its corporate powers.

  
(Signature of Secretary or certifying official)