

[10644/63901]

FORM PTO-1595 (REV. 6/04)

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Stephen R. FORREST

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Execution date: **March 24, 2006**

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Name: The Trustees of Princeton UniversityAddress: P.O. Box 36City: Princeton, New Jersey 08544-0036Country: United States of AmericaAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application numbers or patent numbers:

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Applications:

11/304,687

B. Patent No.(s):

Additional Numbers attached? ☐ Yes ☒ No

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

Name: Stuart J. Sinder, Esq.
 Internal Address: KENYON & KENYON LLP

Street Address: One Broadway
 City: New York State: New York ZIP: 10004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ **40.00**

- ☐ Enclosed
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9. Statement and signature.

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Stuart J. Sinder (Reg. No. 25,377)

Name of Person Signing

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PATENT
REEL: 017559 FRAME: 0252

[10644/63901]

ASSIGNMENT**WHEREAS, I,**

**Stephen R. FORREST
336 Rock Creek Court
Ann Arbor, MI 48104
Citizenship: United States**

have made new and useful improvements in INTERMEDIATE-BAND PHOTSENSITIVE DEVICE WITH QUANTUM DOTS HAVING TUNNELING BARRIER EMBEDDED IN ORGANIC MATRIX, for which an application for Letters Patent was filed with the U.S. Patent and Trademark Office on December 16, 2005 as Serial No. 11/304,687; and

WHEREAS THE TRUSTEES OF PRINCETON UNIVERSITY, having a place of business at P.O. Box 36, Princeton, New Jersey 08544, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignee my entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of my entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that I have good right to assign the same to Assignee without encumbrance; and that I am aware of no claim to the contrary.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely

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as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 24 day of

MAY, 2006.


Stephen R. FORREST