

02-21-2006



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To the Director of the U.S. Patent and Trademark Office, documents or the new address(es) below.

1. Name of conveying party(ies):

Conor S. Rafferty
Clifford A. King

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

3. Nature of conveyance:

Execution Date(s) February 1, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other: _____

2. Name and address of receiving party(ies)

Name: Noble Device Technologies Corp.

Street: 211 Warren Street

City: Newark

State: New Jersey

Country: USA ZIP: 07103

Additional names(s) & addresses(es) attached? ☐ Yes ☒ No



4. Application or patent number(s):

☒ This document is being filed together with a new application.

Additional numbers attached? ☐ Yes ☒ No

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

Name: Polster, Lieder, Woodruff & Lucchesi, L.C.

Street Address: 12412 Powerscourt Drive Ste. 200

City: St. Louis State: MO Zip: 63131-3615

Phone Number: 314-238-2400

Fax Number: 314-238-2401

Email Address: patents@patpro.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 to credit card.
☐ Authorized to be charged to deposit account.
☒ Check Enclosed. Any deficiency or overpayment is authorized to be charged or credited to deposit account 162201.
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit account number: 162201

Authorized User Name _____

(Attach duplicate copy of this page if paying by deposit account)

9. Signature:

Glen E. Books
Signature

2-10-06
Date

Glen E. Books, Reg. No. 24,950

Total number of pages including cover sheet, attachments, and document: 3

Express Mail No. EV 609094386 US

ASSIGNMENT

WHEREAS, We, **Conor S. Rafferty** and **Clifford Alan King**, citizens of the United States of America, residents of the cities of **New York City**, state of **New York**, and **New York City**, state of **New York**, respectively, whose post office addresses are **355 South End Avenue, Apartment 19-M, New York City, New York 10280** and **99 Reade Street, Apartment 7W, New York City, New York 10013**, respectively, have invented certain improvements in **SEMICONDUCTOR PHOTONIC DEVICES WITH ENHANCED RESPONSIVITY AND REDUCED STRAY LIGHT** for which we are about to make, and have this day executed, application for Letters Patent of the United States, identified as Attorney's Docket No. **NODE 9288C1**;

AND, WHEREAS, **Noble Device Technologies, Corp.**, a Delaware Corporation, with offices at **211 Warren Street, Newark, New Jersey 07103** is desirous of acquiring the entire right, title and interest in and to said improvements in **SEMICONDUCTOR PHOTONIC DEVICES WITH ENHANCED RESPONSIVITY AND REDUCED STRAY LIGHT** and all patent rights therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said **Conor S. Rafferty** and **Clifford Alan King**, do hereby sell, assign, transfer and set over unto said **Noble Device Technologies, Corp.** the entire right, title and interest in and to said improvements, and in and to all Letters Patent and patent rights which may be granted or issued for said improvements, in the United States and all foreign countries, and any reissue, reexamination, continuation, continuation-in-part, division, or extension thereof, the same to be held and enjoyed by said **Noble Device Technologies, Corp.**, a corporation, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this Assignment and sale had not been made; and we agree to execute such further applications, declarations, powers of attorney, assignments and other documents as may be necessary or desirable to effectuate this Agreement.

AND WE DO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue that said Letters Patent, when granted, to the said **Noble Device Technologies, Corp.**, a corporation, its successors and assigns, as assignees of the entire right, title and interest in and to said improvements, for the sole use and behoof of said **Noble Device Technologies, Corp.**, a corporation, and for its successors and assigns, to the full ends of the terms for which Letters Patent may be granted.

AND we further grant to **Noble Device Technologies, Corp.**, a corporation, its successors and assigns, the right to claim for any application for patent for said improvements the full benefit of any international agreement between the United States and any foreign country or countries.

AND our attorney is hereby authorized to insert in this Assignment the Serial No. and filing date of said application, when advised thereof, as follows:

Serial No: _____

Filed: _____

Date: Feb 1, 2006


Conor S. Rafferty, Inventor

Date: Feb. 1, 2006

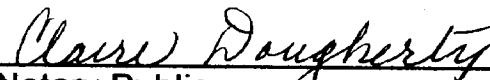

Clifford Alan King, Inventor

STATE OF ☐☐☐☐☐

COUNTY OF ☐☐☐☐☐

) *ng*
) SS. *Essex*

On this 1 day of February, 2006, before me, a Notary Public, personally appeared **Conor S. Rafferty**, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.


Notary Public

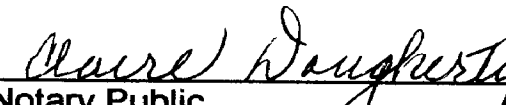
My Commission Expires:

STATE OF ☐☐☐☐☐

COUNTY OF ☐☐☐☐☐

) *ng*
) SS. *Essex*

On this 1 day of February, 2006, before me, a Notary Public, personally appeared **Clifford Alan King**, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.


Notary Public

My Commission Expires:

CLAIRE DOUGHERTY
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Aug. 6, 2008

Express Mail No. EV 609094386 US

RECORDED: 02/10/2006

PATENT
REEL: 017568 FRAME: 0195