

4.204

01-09-2004

COVER S
OTHE



102718484

ENT OR
ING

15364 U.S. PTO
10/817354



040204

Mail Stop **ASSIGNMENTS**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No. PSU-100A

Sir:

Please record the attached original document or true copy thereof:

1. Name of conveying parties: Oomman K. **Varghese**, Ph.D; Gopal **Mor**, Ph.D.,
Maggie **Paulose**; and Craig A. **Grimes**, Ph.D.
2. Name and address of receiving party: **The Penn State Research Foundation, a
nonprofit entity organized under laws of Commonwealth of Pennsylvania, with offices
at: 304 Old Main, University Park, Pennsylvania 16802**
3. Nature of conveyance: 101817354
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____
Effective date (for technological improvements made as of): 01-Jan-2003
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: 02-April - 2004
A. Patent application No.(s) 10/ {unknown} filed: herewith (2-Apr-04)
B. Patent No.(s) _____
5. Name and address of party to whom correspondence concerning documents will be mailed:
Jean M. Macheledt
Macheledt Bales LLP
501 Skysail Lane, Suite B100
Fort Collins, Colorado 80525-3133
6. Total number of applications and patents involved [1]
7. Fee due 37 CFR 1.21(h) \$40 x 1 = \$40.00
☐ A check in the amount of \$ 40.00 is enclosed.
☒ Please charge \$40.00 plus any additional fees associated with this recordation,
or credit any overpayment to **Macheledt Bales LLP** deposit account No. **02-0725**

To the best of my knowledge and belief, the forgoing information is true and correct and
the attached copy (2-pgs) is a true copy of the original document, currently on-file in our offices.

Jean M. Macheledt
Name of person signing

Signature

1st of April - 2004
Date signed

Attorney for Applicants/Assignee (Reg. No. 33,956)

04/08/2004 METACHE 0000175 020725 10817354

40.00 DA

01 FC:8021

PATENT
REEL: 015192 FRAME: 0927

ASSIGNMENT OF INVENTION BEFORE PATENT (HEREIN "ASSIGNMENT")

SECTION 1 BACKGROUND

We, Oomman K. Varghese, Ph.D., Gopal Mor, Ph.D., Maggie Paulose, and Craig A. Grimes, Ph.D, each of Pennsylvania (herein "Inventor(s)"), have invented or discovered a new and useful process/technique, manufacture, and/or composition of matter, or an improvement thereof, the subject matter of which is disclosed and covered in a nonprovisional patent application being prepared for filing in April 2004 with the U.S. Patent Office entitled: ***Titanium Nanotube Arrays for use as Sensors***. The Penn State Research Foundation, a non-profit entity organized under the laws Commonwealth of Pennsylvania with a principal place of business at 304 Old Main, University Park, PA 16802 (herein "PSURF") desires to acquire the Inventor(s)' entire right, title, and interest in the invention/discovery, and the Inventor(s) are each willing and able to sell, all of which is consistent with Foundation and University policies and any agreement(s) under which the Inventor(s) performed their analysis, research and development for this project.

SECTION 2 ASSIGNMENT OF ALL INTEREST TO PSURF

In consideration of *one dollar* and other good and valuable consideration, of which receipt is acknowledged by each, the Inventor(s) hereby sell and assign to PSURF their entire right, title, and interest:

- (1) in said invention or discovery, and
- (2) in all United States and foreign applications filed therefor including but not limited to provisional, divisional, continuation, continuation-in-part, reissue, or reexamination applications, and
- (3) in any Letters Patent which issue in the United States or elsewhere including but not limited to: utility, utility model, or design patents; patents of implementation, improvement, or addition; inventor's certificates; and extensions of any of these, so that said right, title, and interest is held and enjoyed by PSURF, its successors and assigns, as fully and entirely as it would have been held and enjoyed by Inventors had this Assignment and sale not been made.

The Inventor(s) hereby agree to fully execute all documents or papers necessary for obtaining Letters Patent in the United States and elsewhere, and continue to furnish all data, information, and documentation which may be required for the preparation, filing, and prosecution of applications for said Letters Patent.

Since this Assignment is intended for recording with the Patent Office, the Commissioner for Patents is hereby directed to issue any patent which may hereafter be granted, to The Penn State Research Foundation (PSURF), in accordance with this duly executed Assignment.

INTENDING TO BE LEGALLY BOUND, EACH INVENTOR SIGNS BELOW TO DULY EXECUTE THIS ASSIGNMENT OF ALL INTEREST TO PSURF, MAKING IT EFFECTIVE FOR THAT WHICH WAS INVENTED OR DISCOVERED AS OF 01-JAN-2003 IN CONNECTION WITH THE NONPROVISIONAL PATENT APPLICATION IDENTIFIED ABOVE.

(By: X Oomman K. Varghese

Date signed: 3/19/04

(Oomman K. Varghese, Ph.D., Inventor

(signature witnessed by: CRAIG A. GRIMES

(By: X Gopal Mor

Date signed: 3/19/04

(Gopal Mor, Ph.D., Inventor

(signature witnessed by: Zeng Kefeng

By: X Maggie Paulose

Date signed: 3/19/04

(Maggie Paulose, Inventor

(signature witnessed by: GAURAV SHARMA

By: X Craig A. Grimes

Date signed: 3/19/04

(Craig A. Grimes, Ph.D., Inventor

(signature witnessed by: Oomman K. Varghese

PATENT

RECORDED: 04/02/2004

REEL: 015192 FRAME: 0928