

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4780972

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	LUXTALTEK CORPORATION	12/28/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	NANOGEN LTD.	
<b>Street Address:</b>	PASCAL PLACE, ST MELLONS	
<b>City:</b>	CARDIFF	
<b>State/Country:</b>	UNITED KINGDOM	
<b>Postal Code:</b>	CF3 0LW	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	7248770
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Email:</b>	SOHARE@IPRM.COM.TW	
<b>Correspondent Name:</b>	NANOGEN LTD.	
<b>Address Line 1:</b>	PASCAL PLACE, ST MELLONS	
<b>Address Line 4:</b>	CARDIFF, UNITED KINGDOM CF3 0LW	
<b>NAME OF SUBMITTER:</b>	WANG-NANG WANG	
<b>SIGNATURE:</b>	/Wang Nang WANG/	
<b>DATE SIGNED:</b>	01/18/2018	
<b>Total Attachments: 2</b>		
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source=35251#page2.tif		

Attorney's Docket No. \_\_\_\_\_

**PATENT**

For : ☒ U.S. and/or ☐ Foreign Rights

For : ☐ U.S. Application or ☒ U.S. Patent

By : ☐ Inventor(s) or ☒ Present Owner

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$ 1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR :

(Inventor(s) or  
person(s) or entity(ies)  
who own the invention)

Luxtaltek Corporation

(Type or print name(s) of ASSIGNOR(S))

5F., No. 38, Ke-Yi, St., Kuan-Yuan Science Park,  
Chunan Miaoli County 350, Taiwan, ROC

Address

Taiwan

Nationality

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on 06/10/2008

Reel 021096

Frame 0762

hereby sells, assigns and transfers to

ASSIGNEE:

NANOGEN LTD.

(Type or print name(s) of ASSIGNEE)

Pascal Place, St Mellons, Cardiff, CF3 0LW, U.K.

Address

United Kingdom

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest

for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

☐ and in all foreign countries

in and to, any and all improvements which are disclosed in the invention entitled :

Photonic band structure devices

(check and complete (a), (b), (c) or (d))

**PATENT**

**REEL: 044645 FRAME: 0671**

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith  
(b) ☐ U.S. patent application executed on \_\_\_\_\_  
(c) ☐ U.S. application serial no. \_\_\_\_\_ filed on \_\_\_\_\_  
(d) ☒ U.S. patent no. 7248770 issued 7/24/2007

(also check (c) if foreign application(s) is also being assigned)

(e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

December 28, 2017 \_\_\_\_\_ (Date of signing).

WARNING : Date of signing must be the same as the date of execution of the application if item(a) was checked above.

MING-SHUN LEE  
Signature of ASSIGNOR(S)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If ASSIGNOR is a legal entity complete the following information

Ming-Shun LEE  
Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR  
Chairman  
Title

NOTE : No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.