

03-24-2003

ket: BHT-3092-351

To the Commissioner of Patents and Trademarks: Please

copy thereof.

1. Name of conveying party(ies): **3-2203**

102397899 (ies):

Chieh-Hsiung KUAN; Hsin-Cheng CHEN; Chun-Chi CHEN; Sheng-Di LIN; Jen-Hsiang LU

Name: National Taiwan University and Integrated Crystal Technology Incorporation

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

Foreign Address: No. 1, Sec. 4, Roosevelt Road, Taipei, Taiwan, R.O.C.

And 3F, No. 212, Da-Hsueh Road, Hsinchu, Taiwan, R.O.C.

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Domestic Address: _____

Execution Date: February 12, 2003; January 19, 1992; January 16, 1992 (Respectively)

City: _____ State _____ ZIP _____

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: February 12, 1992
A. Patent Application No.(s)

B. Patent Registration No.(s)

10385631

Additional numbers attached? Yes No

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

6. Number of applications and patents involved: One (1)

Name: TROXELL LAW OFFICE PLLC

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

5205 Leesburg Pike

Enclosed
 Authorized to be charged to deposit account

Suite 1404

Falls Church, Virginia 22041-3401

8. Deposit account number 501874

Telephone No.: (703) 575-2711

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

Facsimile No.: (703) 575-2707

DO NOT USE THIS SPACE

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.

Bruce H. Troxell

March 12, 2003

Name of Person Signing
Registration No.26,592

Signature

Date

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

ASSIGNMENT

Attorney Docket:

WHEREAS, I (We), Chieh-Hsiung KUAN, Hsin-Cheng CHEN, Chun-Chi CHEN, Sheng-Di LIN and Jen-Hsiang LU whose post office address(es) appear below, hereinafter referred to as ASSIGNOR, is (are) the owner(s) of certain new and useful improvements in VOLTAGE-SWITCHABLE AND -TUNABLE AND ENVIRONMENT-INSENSITIVE MULTI-COLOR SUPERLATTICE INFRARED PHOTODETECTOR

(Hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was executed on even date herewith
 executed on:
 filed on: Serial No.:
 established by PCT International Patent Application No.:

WHEREAS, National Taiwan University; and Integrated Crystal Technology Incorporation whose post office address is No. 1, Sec. 4, Roosevelt Road, Taipei, Taiwan, R.O.C.; and 3F, No. 212, Da-Hsueh Road, Hsinchu, Taiwan, R.O.C., respectively hereinafter referred to as ASSIGNEES, are each desirous of acquiring 50% the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (We), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEES, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to executed any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE is and to said INVENTION, all without further consideration. ASSIGNOR also agree, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sole not been made.

ASSIGNOR authorizes any member of the firm of **Troxell Law Office PLLC** to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Chieh-Hsiung KUAN	Address 3F-3, No. 116, Sec. 3, Hsin-Yih Road, Taipei, Taiwan, R.O.C.
Where Signed	
Date 2003, 2, 12	Signature
ss. (Notarization preferred hut not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2001	
_____ Notary Public	
My Commission Expires: _____	

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Attorney Docket:

Assignor Name Hsin-Cheng CHEN	Address No. 33-12, Pi-Tou Li, Matou Chen, Tainan Hsien, Taiwan, R.O.C.
Where Signed	
Date 92/1/19	Signature 陳新正
ss. (Notarization preferred hut not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2001	
_____ Notary Public	
My Commission Expires: _____	

Assignor Name Chun-Chi CHEN	Address No. 6, Lane 98, Fu-Chung Street, Tainan, Taiwan, R.O.C.
Where Signed	
Date 92/1/16	Signature 陳俊吉
ss. (Notarization preferred hut not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2001	
_____ Notary Public	
My Commission Expires: _____	

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Attorney Docket:

Assignor Name Sheng-Di LIN	Address No. 1, Lane 101, Tong-Hua Street, Taipei, Taiwan, R.O.C.
Where Signed	
Date 2003.1.16	Signature 林聖迪
_____ ss. (Notarization preferred hut not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2001	
_____ Notary Public My Commission Expires: _____	

Assignor Name Jen-Hsiang LU	Address No. 9, Alley 21, Lane 147, Sec. 1, Tong-Shan Road, Taichung, Taiwan, R.O.C.
Where Signed	
Date 92/1/16	Signature 盧仁祥
_____ ss. (Notarization preferred hut not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2001	
_____ Notary Public My Commission Expires: _____	

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