Docket No.: B-73 07-25-2001 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 Tab settings → → → 101787636 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Emilio Barbera-Guillem M. Bud Nelson Name: Bio-Pixels Ltd. Stephanie L. Castro Internal Address: Additional names(s) of conveying party(ies) ☐ Yes 🛛 No 3. Nature of conveyance: Street Address: 575 McCorkle Boulevard Merger ✓ Assignment Security Agreement ☐ Change of Name City: Westerville State: OH ZIP: 43082 Other Execution Date: 12 July 2001, 13 July 2001 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: 13 July 2001 B. Patent No.(s) A. Patent Application No.(s) 7/18/2001 SZEWDIE1 00000035 09904744 40.00 OP 2 FC:581 X No Additional numbers attached? ☐ Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: M. Bud Nelson 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: ___ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: BioCrystal Ltd. 8. Deposit account number: 575 McCorkle Boulevard 50-0438 City: Westerville State: OH ZIP: 43082 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. M. Budle 13 July 2001 M. Bud Nelson Date Signature Name of Person Signing Total number of pages including cover sheet, attachments, and document

REEL: 011994 FRAME: 0771

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Emilio Barberá-Guillem and M. Bud Nelson, the undersigned

Hereby sell, assign and transfer to Bio-Pixels Ltd.

a company of the State of Ohio, having a place of business at 575 McCorkle Boulevard, Westerville, Ohio, 43082-8888, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled: Nanocrystals having polynucleotide strands and their use to form dendrimers in a signal amplification system, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date <u>13 July 2001</u>

Emilio Barberá-Guillem

Date <u>13 July 2001</u>

M. Bud Nelson

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Stephanie L. Castro, the undersigned

Hereby sells, assigns and transfers to Bio-Pixels Ltd.

a company of the State of Ohio, having a place of business at 575 McCorkle Boulevard, Westerville, Ohio, 43082-8888, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled. Nanocrystals having polynuclectide strands and their use to form dendrimers in a signal amplification system, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agrees that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignme, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements: execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors. assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenants with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date July 12, 2001 Stephanie L. Castro

RECORDED: 07/13/2001

PATENT REEL: 011994 FRAME: 0773