08-21-2006 U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) **Inited States Patent and Trademark Office** RE( 103292930 To the Director of the U.S. Patent and Trademark Office: Please record the aπached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: Aronex Pharmaceuticals, Inc. Joshua Ojwang Internal Address: Additional name(s) of conveying party(ies) attached? Yes 🗹 No 3. Nature of conveyance/Execution Date(s): Street Address: 3 Forbes Road Execution Date(s) August 27, 2001 Merger Assignment City: Lexington Security Agreement Change of Name Joint Research Agreement State: \_\_\_ Massachusetts Government Interest Assignment Country: USA Zip: 02421 Executive Order 9424, Confirmatory License TO COARSET ASSIGNES ✓ Other Corrected cover page for R/F 12259/0666 Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Serial No. 09/753,169 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved:\_\_ Name: John P. White 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address:\_\_\_ Authorized to be charged by credit card ✓ Authorized to be charged to deposit account Enclosed HARGE FEE Street Address: Cooper & Dunham LLP None required (government interest not affecting title) 1185 Avenue of the Americas 8. Payment Information City: New York a. Credit Card Last 4 Numbers \_\_\_ Zip: 10036 State: New York Expiration Date \_\_\_ Phone Number: (212) 278-0400

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Other	
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## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I, the undersigned,

Paul Cossum residing at 27 S. Windsail Pl. The Woodlands, TX 77381

Robert Rando residing at 3 Brown Ct., Annandale, NJ 08801

Joshua Ojwang residing at 1313 NW 195th Street, Edmond, Oklahoma 73003

Hereby sell, assign and transfer to Aronex Pharmaceuticals, Inc. a corporation having a place of business at 8707 Technology Forest Place, in the County of The Woodlands and State of Texas 77381-1191, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, and is entitled

## OLIGONUCLEOTIDE INHIBITORS OF bcl-xl

(U.S. Serial No. 09/753,169 Filed January 2, 2001, a continuation of PCT Internation Application No. PCT/US99/15250, filed July 2, 1999, claiming priority and a continuation-in-part of U.S. Serial No. 09/109/614, filed July 2, 1998)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

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Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; 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 or the undersigned's executors or administrators will for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, 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.

[L.S.]

RECORDED: 08/10/2006