



**ASSIGNMENT  
JOINT**

THIS ASSIGNMENT, by Guy M. MILLER and Sidney M. HECHT (hereinafter referred to as the assignors), whose mailing addresses are 5941 Optical Court, Suite 228, San Jose, California 95138 and Department of Chemistry, University of Virginia, McCormick Road, P.O. Box 400319, Charlottesville, Virginia 22904-4319, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in REDOX-ACTIVE THERAPEUTICS FOR TREATMENT OF MITOCHONDRIAL DISEASES AND OTHER CONDITIONS AND MODULATION OF ENERGY BIOMARKERS, set forth in an application for Letters Patent of the United States, bearing Serial No. 11/445,582 and filed on June 1, 2006; and

WHEREAS, Edison Pharmaceuticals, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 5941 Optical Court, Suite 228, San Jose, California 95138 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

8/3/2006  
Date \_\_\_\_\_  
Guy M. MILLER

\_\_\_\_\_  
Date \_\_\_\_\_  
Sidney M. HECHT

Attorney Docket No.: 526302000100

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JOINT**

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NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

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AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and

Attorney Docket No.: 526302000100

do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date

7/27/06

Date

Guy M. MILLER

Sidney M. HECHT

County/City of Albemarle  
Commonwealth/State of Virginia

The foregoing instrument was acknowledged  
before me this 27 day of July,  
2006, by

Sidney M. Hecht

(name of person seeking acknowledgement)

Vickie A. Thomas

Notary Public

My commission expires: 12/31/07Vickie A. Thomas

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**FROM:** Robert K. Cerpa**DATE:** August 15, 2006

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Preparer of this slip has confirmed that facsimile number given is correct: 12056/eag4**Comments:**

Attorney Docket No.: 526302000100  
 Group Art Unit: 1614  
 Examiner: Not Yet Assigned  
 Application No.: 11/445,582  
 Filing Date: June 1, 2006  
 Inventors: Guy M. MILLER et al.  
 Title: REDOX-ACTIVE THERAPEUTICS FOR TREATMENT OF  
 MITOCHONDRIAL DISEASES AND OTHER CONDITIONS AND MODULATION  
 OF ENERGY BIOMARKERS

**Papers attached:**

1. Recordation Form Cover Sheet (1 page)
2. Assignment, signed in counter-parts (3 pages)

\*\*\*\*\*  
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**PATENT****RECORDED: 08/15/2006****REEL: 018126 FRAME: 0371**