U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office				
U.S. Patent site Tracemark Sines				
12 ached original documents or copy thereof				
2. Name and address of receiving party(ies)  Name: WellSpring Pharmaceutical Corporation Internal Address:  Street Address: 1430 State Route 34				
City: Neptune  State: NJ Zip: 07753-6807  Additional name(s) & Yes X No address(es) attached:				
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the new application is:  A. Patent Application No.(s):  10/453,815				
ed? Yes x No  6. Total number of applications and				
7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed  X Authorized to be charged to deposit account  Authorized to be charged to credit card				
(Form 2038 enclosed)  8. Deposit account number:  12-1095  (Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE THIS SPACE				
formation is true and correct and any attached copy  December 2, 2003				

## ASSIGNMENT FOR APPLICATION FOR PATENT

## WHEREAS:

Names and Addresses of Inventors:

- 1) Robert A. Vukovich 7 Taylor Run Holmdel, New Jersey 07733
- 2) Benjamin Levinson91 Dead Tree Run RoadMontgomery, New Jersey 08502
- George S. Drummond
   304 West 75<sup>th</sup> Street
   New York, NY 10023
- 4) Robert Caroselli 5 Independence Drive East Brunswick, New Jersey 08816
- 5) Kazimierz G. Antczak 545 South Shore Drive Culver, Indiana 46511
- 6) Christopher Boucher 37 Harrison Drive Newmarket, Ontario, Canada L3Y4P3
- Richard Mortimer
   98 Glenvale Boulevard
   Toronto, Ontario, Canada M4G2V9

(hereinafter referred to as Assignors), have invented a certain invention entitled:

## PREPARATION OF METAL MESOPORPHYRIN HALIDE COMPOUNDS

for which application for Letters Patent in the United States was executed on even date herewith; and

WHEREAS, Wellspring Pharmaceutical Corporation, a corporation of the State of Delaware, having a place of business at 1430 Highway 34 North, Neptune, NJ 07753 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1 of 2

PATENT REEL: 014171 FRAME: 0582

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said As	signors have executed and delivered this instru	ument to said
Assignee on the dates indicated below.		

1)	May 28, 2003	Robert A. Vukovich
2)	May 29, 2003	Benjamin Levinson
3)	May 29 , 2003	George S. Drummond
4)	May 28, 2003	Robert Caroselli
5)	, 2003	Casimir Antczak
6)	, 2003	Christopher Boucher
7)	, 2003	Richard Mortimer

**2**1003/003

- Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.
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2)	, 2003	Benjamin Levinson
3)	, 2003	George S. Drummond
4)	, 2003	Robert Caroselli
5)	May 28, 2003	Casimir Antozak
6)	, 2003	Christopher Boucher
7)	, 2003	Richard Mortimer

2 of 2

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3)	, 2003	George S. Drummond
4)	, 2003	Robert Caroselli
5)	2003	Casimir Antozak
6)	May 28 . 2003	Markel
7)	May 28 . 2003	Christopher Boucher  Kichand Mortimes  Richard Mortimer

2 of 2

RECORDED: 06/03/2003