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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO. 2729-173

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

<p>1. Name of conveying party(ies):</p> <ol style="list-style-type: none"> Tai-Au LEE Nam-Jin PARK Ja-Heouk KHOO Seong-Ho SONG Ju-Young AN 	<p>2. Name and address of receiving party(ies):</p> <p>Name: YUHAN CORPORATION</p> <p>Street Address: 49-6 Taebang-dong, Tongjak-gu</p> <p>City: Seoul</p> <p>State:</p> <p>Zip: 156-754</p> <p>Country: Republic of Korea</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: May 9, 2005</p>	<p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s):</p> <p>If the document is being filed together with a new application, the execution date of the application is: <i>n/a</i></p> <p>A. Patent Application No(s). B. Patent No(s).</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: LOWE HAUPTMAN & BERNER, LLP</p> <p>Internal Address:</p> <p>Street Address: 1700 Diagonal Road, Suite 300</p> <p>City: Alexandria State: VA Zip: 22314</p>	<p>6. Total number of applications and patents involved: one</p> <p>7. Total fee (37 CFR 3.41), \$ _____ 40.00</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input checked="" type="checkbox"/> Credit Card payment form enclosed</p> <p>8. Deposit account number: 07-1337</p>
<p>DO NOT USE THIS SPACE</p>	
<p>9. Signature.</p> <p style="text-align: center;">  </p> <p> Benjamin J. Hauptman, 29,310 June 9, 2005 </p> <p> Name of Person, Registration No. Signature Date </p> <p>Total number of pages including cover sheet, attachment, and document: 3</p>	
<p>CMB No. 0851-0011 (exp. 4/94)</p>	

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(40.00 DP)

PATENT
REEL: 017173 FRAME: 0164

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) LEE, Tai Au (6) _____
- (2) PARK, Nam Jin (7) _____
- (3) KHOO, Ja Heouk (8) _____
- (4) SONG, Seong Ho (9) _____
- (5) AN, Ju Young (10) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

YUHAN CORPORATION, a corporation organized under the laws of Rep. of Korea located at 49-6 Taebang-dong, Tongjak-gu 156-754 Seoul, Rep. of Korea

its successors and assigns(hereinafter designated "ASSIGNEE" the entire right, title, and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

PROCESSES FOR PREPARING QUINOLONECARBOXYLATE DERIVATIVES

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____ or

(b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or executed Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Docket No.:

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SINGED

1) Lee Tai Au
Name: LEE, Tai Au

9 MAY, 2005

2) [Signature]
Name: PARK, Nam Jin

9 MAY, 2005

3) [Signature]
Name: KHOO, Ja Heouk

9 MAY, 2005

4) [Signature]
Name: SONG, Seong Ho

9 MAY, 2005

5) [Signature]
Name: AN Ju Young

9 MAY, 2005