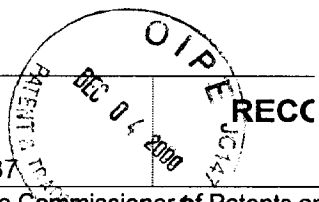


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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No. 250/187

101570922

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Gian Luca Araldi; Joseph Edward Semple Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party: Name: <u>Corvas International, Inc.</u> Internal Address: <u>12-4-00</u> City: _____ State: _____ Zip: _____ Street Address: <u>3030 Science Park Road</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92121</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>September 18, 2000</u></p>	

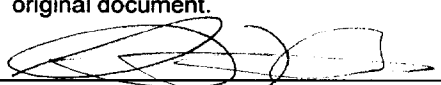
4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:

<p>A. Patent Application No(s): <u>09/550,091</u></p>	<p>B. Patent No(s): _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Suzanne L. Biggs</u> Internal Address: <u>LYON & LYON LLP</u> <u>633 West Fifth Street, Suite 4700</u> <u>Los Angeles, CA 90071-2066</u></p>	<p>6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$ 40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge this Deposit Account if any additional fee is required 8. Deposit Account Number: <u>12-2475</u></p>
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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.


Date: November 28, 2000
Suzanne L. Biggs, Reg No. 30,158

Total number of pages including cover sheet: 5

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, GIAN LUCA ARALDI, residing at 7996 Avenida Navidad, #63, San Diego, California 92122, a citizen of Italy, and JOSEPH EDWARD SEMPLE, residing at 9711 Caminito Pudregal, San Diego, California 92131, a citizen of United States of America (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled SUBSTITUTED HYDRAZINYL HETEROAROMATIC INHIBITORS OF THROMBIN for which application for Letters Patent of the United States of America was filed on April 14, 2000 and assigned Serial No. 09/550,091; and

WHEREAS, **CORVAS INTERNATIONAL, INC.**, a corporation organized and existing under and by virtue of the laws of the State of **Delaware** and having its place of business at **3030 Science Park Road, San Diego, California 92121** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Convas International,
this 18 day of 2000, 2000.

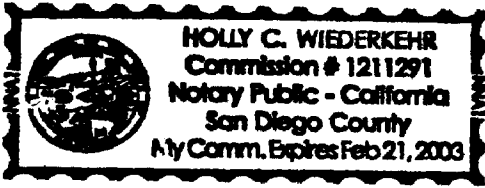
Gian Luca Araldi
GIAN LUCA ARALDI

STATE OF CA)
COUNTY OF San Diego) ss
)

On 9-18-00 before me, Holly Wiederkehr, personally appeared
GIAN LUCA ARALDI

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Holly C. Wiederkehr
Notary Public in and for said County and State

WITNESS my hand at Convas International

this 19 day of 2000, 2000.

Joseph Edward Semple
JOSEPH EDWARD SEMPLE

STATE OF CA)
COUNTY OF San Diego) ss

On 9-18-00 before me, Holly Wiederkehr, personally appeared
Joseph Edward Semple

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Holly C. Wiederkehr
Notary Public in and for said County and State

