

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Aldina Barral</td> <td>08/19/2005</td> </tr> <tr> <td>Manoel Barral Netto</td> <td>08/19/2005</td> </tr> <tr> <td>Claudia Brodskyn</td> <td>08/19/2005</td> </tr> <tr> <td>Regis Gomes</td> <td>08/19/2005</td> </tr> </tbody> </table>		Name	Execution Date	Aldina Barral	08/19/2005	Manoel Barral Netto	08/19/2005	Claudia Brodskyn	08/19/2005	Regis Gomes	08/19/2005
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Manoel Barral Netto	08/19/2005										
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Regis Gomes	08/19/2005										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Fundacao Oswaldo Cruz (FIOCRUZ)										
<b>Street Address:</b>	4365 Avenida Brasil										
<b>Internal Address:</b>	Castelo Mourisco										
<b>City:</b>	Manguinhos, Rio de Janeiro										
<b>State/Country:</b>	BRAZIL										
<b>Postal Code:</b>	21045-900										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12350179</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12350179						
Property Type	Number										
Application Number:	12350179										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(503)595-5301										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	5035955300										
<b>Email:</b>	matthew.wich@klarquist.com										
<b>Correspondent Name:</b>	Anne Carlson, Ph.D., Klarquist Sparkman										
<b>Address Line 1:</b>	121 SW Salmon Street										
<b>Address Line 2:</b>	Suite 1600										
<b>Address Line 4:</b>	Portland, OREGON 97204										
<b>ATTORNEY DOCKET NUMBER:</b>	4239-67028-11										
<b>NAME OF SUBMITTER:</b>	Anne Carlson										

**CH \$40.00 12350179**

Total Attachments: 2  
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## ASSIGNMENT

WHEREAS, we, Aldina Barral, of Salvador, Brasil, a citizen of Brasil, Manoel Barral Netto, of Salvador, Brasil, a citizen of Brasil, Claudia Brodskyn, of Salvador, Brasil, a citizen of Brasil, and Regis Gomes, of Salvador, Brasil, a citizen of Brasil, have invented with others a certain invention entitled LUTZOMYIA LONGIPALPIS POLYPEPTIDES AND METHODS OF USE, for which the following patent applications have been filed:

U.S. Provisional Patent Application No. 60/422,303, filed on October 29, 2002; and  
PCT Application No. PCT/US2003/034453 filed on October 29, 2003;

both of which are referred to herein as "the patent applications."

WHEREAS, Fundação Oswaldo Cruz (FIOCRUZ), a corporation organized under the laws of Brasil, having a place of business at Avenida Brasil 4365, Castelo Mourisco 21045-900, Manginhos, Rio de Janeiro/RJ Brasil, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Aldina Barral, Manoel Barral Netto, Claudia Brodskyn, and Regis Gomes hereby sell, assign and transfer to FIOCRUZ, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by FIOCRUZ, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to FIOCRUZ, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid FIOCRUZ, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 08.19.2005 Aldina Barral  
Aldina Barral

Witnessed by Jackson Lemos Moreira  
Name (Print) JACKSON LEMOS MOREIRA  
Date 08.19.2005

Witnessed by Camilla Mota Malaguias de Almeida  
Name (Print) CAMILIA MOTA Malaguias de Almeida  
Date 08.19.2005

Dated: 08.19.2005 Manoel de Barros Netto  
Manoel Barral Netto

Witnessed by Jackson Lemos Moreira  
Name (Print) JACKSON LEMOS MOREIRA  
Date 08.19.2005

Witnessed by Camilla Mota Malaguias de Almeida  
Name (Print) Camilla Mota Malaguias de Almeida  
Date 08.19.2005

Dated: 08.19.2005 Claudia Brodskyn  
Claudia Brodskyn

Witnessed by Jackson Lemos Moreira  
Name (Print) JACKSON LEMOS MOREIRA  
Date 08.19.2005

Witnessed by Camilla Mota Malaguias de Almeida  
Name (Print) Camilla Mota Malaguias de Almeida  
Date 08.19.2005

Dated: 08.19.2005 Regis Gomes  
Regis Gomes

Witnessed by Jackson Lemos Moreira  
Name (Print) JACKSON LEMOS MOREIRA  
Date 08.19.2005

Witnessed by Camilla Mota Malaguias de Almeida  
Name (Print) Camilla Mota Malaguias de Almeida  
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