
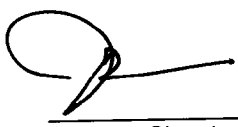


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Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌		REC  103026388	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): YAO, Jiansheng LOOSMORE, Sheena May AUDONNET, Jean-Christophe François Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>Merial Limited</u> Internal Address: _____ Street Address: <u>3239 Satellite Blvd.</u> City: <u>Duluth</u> State: <u>GA</u> Zip: <u>30096</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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>02/18/2005</u>			
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: <u>10/05/2004</u> A. Patent Application No.(s) <u>10/958,267</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Dr. Judy Jarecki-Black</u> Internal Address: <u>Merial Limited</u> Street Address: <u>3239 Satellite Blvd.</u> City: <u>Duluth</u> State: <u>GA</u> Zip: <u>30096</u>		6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ _____ <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>502354</u>	
DO NOT USE THIS SPACE			
9. Signature. Dr. Judy Jarecki-Black Name of Person Signing		 Signature 15 June 2005 Date	
Total number of pages including cover sheet, attachments, and documents: <u>5</u>			

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

06/22/2005 ECOOPER 00000102 502354 10958267

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PATENT
REEL: 016702 FRAME: 0812

ASSIGNMENT

We, Jiansheng YAO, 74 Loganberry Crescent, North York, Ontario, M2H 3H1, Canada, Sheena May LOOSMORE, 70 Crawford Rose Drive, Aurora, Ontario L4G 4R4, Canada and Jean-Christophe Francis AUDONNET, 19, rue de Créqui Lyon, France 69006 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: **CHIMERIC VECTORS** and **MERIAL LIMITED**, a company limited by shares Registered in England And Wales No. 3332751, with registered office at P.O. BOX 327, Sandringham House, Sandringham Avenue, Harlow business Park, Harlow Essex CM19 5TG, England, and domesticated in Delaware, USA as **MERIAL LLC**, with a place of business at 3239 Satellite Blvd., Duluth, GA 30096-4640, USA, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;


3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said

inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us or our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have affixed our signatures.

Date of Signature	Signature: 
	Jiansheng YAO 74 Loganberry Crescent, North York, Ontario, M2H 3H1, Canada

Date of Signature	Signature: Sheena May LOOSMORE 70 Crawford Rose Drive Aurora, Ontario L4G 4R4
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Date of Signature	Signature: Jean-Christophe Francis AUDONNET 19, rue de Créqui Lyon, France 69006
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inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us or our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have affixed our signatures.

Date of Signature	Signature:	Jiansheng YAO 74 Loganberry Crescent, North York, Ontario, M2H 3H1, Canada
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<i>Oct 12, 2004</i>	Signature:	<i>Sheena May Loosmore</i>
Date of Signature	Signature:	Sheena May LOOSMORE 70 Crawford Rose Drive Aurora, Ontario L4G 4R4

Date of Signature	Signature:	Jean-Christophe Francis AUDONNET 19, rue de Créqui Lyon, France 69006
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Date of Signature	Signature:	Sheena May LOOSMORE 70 Crawford Rose Drive Aurora, Ontario L4G 4R4
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OCTOBER 13, 2004

Date of Signature	Signature:	 Jean-Christophe Francis AUDONNET 119, rue de Créqui Lyon, France 69006
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