

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
MARTA BLUMENFELD	06/16/1999
ILYA CHUMAKOV	06/16/1999
LYDIE BOUGUELERET	06/16/1999
<b>RECEIVING PARTY DATA</b>	
Name:	GENSET S.A.
Street Address:	24, RUE ROYALE
City:	PARIS
State/Country:	FRANCE
Postal Code:	75008
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12345703
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(352)372-5800
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ATTORNEY DOCKET NUMBER:	G.040US07CON
NAME OF SUBMITTER:	FRANK C. EISENSCHENK, PH.D.
Total Attachments: 2 source=executed-Asgn#page1.tif source=executed-Asgn#page2.tif	

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**PATENT**  
 REEL: 023422 FRAME: 0216

## ASSIGNMENT

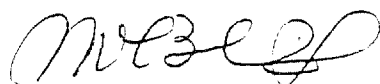
WHEREAS, We, Marta Blumenfeld, a French citizen, residing at 5, rue Tagore, 75013 Paris, France, Ilya Chumakov, a French citizen, residing at 16, rue Chevreuille, 77000 Vaux-le-Penil, France, and Lydie Bougueleret, a French citizen, residing at 108, avenue Victor Hugo, 92170 Vanves, France, have invented certain new and useful improvements in a GENOMIC SEQUENCE OF THE 5-LIPOXYGENASE-ACTIVATING PROTEIN (FLAP), POLYMORPHIC MARKERS THEREOF AND METHODS FOR DETECTION OF ASTHMA for which we have filed an application for Letters Patent in the United States, Application No. 09/292,542, filed on April 15, 1999;

AND WHEREAS, GENSET (hereinafter "ASSIGNEE"), a French Corporation, with its principal place of business at 24, rue Royale, 75008 Paris, France, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Signed this 16 day of June 1999

  
Marta Blumenfeld

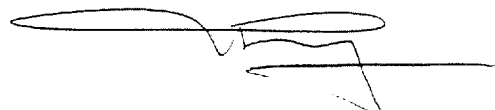
WITNESSED BY:

Je soussigné M<sup>r</sup> Hervé POMMERY  
Notaire à Paris  
Certifie matériellement  
la signature de

Madame Marta Blumenfeld.

Apposée sur le présent document

Witness Signature



**ASSIGNMENT**

Application No.: 09/292,542

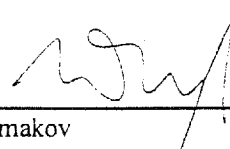
Filing Date: April 15, 1999

**PATENT**

Client Code: GENSET.026A

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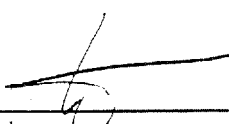
Signed this 16 day of June 1999

  
\_\_\_\_\_  
Ilya Chumakov

WITNESSED BY:

\_\_\_\_\_  
Witness Signature

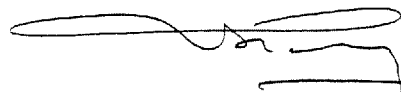
Signed this 16 day of June 1999

  
\_\_\_\_\_  
Lydie Bougueleret

WITNESSED BY:

\_\_\_\_\_  
Witness Signature

Je soussigné M<sup>r</sup> Hervé POMMERY  
Notaire à Paris  
Certifie matériellement  
la signature de  
Monsieur Ilya Chumakov  
et Madame Lydie Bougueleret  
Apposée sur le présent document

  
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**PATENT**

**RECORDED: 10/26/2009**

**REEL: 023422 FRAME: 0218**