PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GENOMATICA, INC.	10/16/2007

RECEIVING PARTY DATA

Name:	GT LIFE SCIENCES, INC.
Street Address:	5405 Morehouse Drive, Suite 210
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10402854

CORRESPONDENCE DATA

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Address Line 4: San Diego, CALIFORNIA 92122

ATTORNEY DOCKET NUMBER:	066662-0031
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NAME OF SUBMITTER: Carrie Hines

Total Attachments: 2

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\$40.00

PATENT REEL: 019977 FRAME: 0282

FORM PTO-1595 RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE						
(Rev. 10/02) Patent and Trademark Office						
To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:						
Name of Conveying Party(ies):	2. Name and address of receiving party(ies):					
Genomatica, Inc.	Name: GT Life Sciences, Inc.					
A112 1 () f () () (() 1 19 \(\sigma\) \(\sigma\)	Address: 5405 Morehouse Drive, Suite 210					
Additional name(s) of conveying party(ies) attached? Yes No	San Diego, California 92121					
3. Nature of Conveyance:						
Security Agreement Change of Name						
Other						
Execution Date: 10/16/2007	A 44.4					
	Additional name(s) & address(es) attached? Yes No					
4. Application number(s) or patent number(s):						
If the document is being filed together with a new application, the	1					
A. Patent Application No(s).	B. Patent No(s).					
10/402,854						
Additional numbers attac	I					
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:					
concerning document should be mailed:						
MCDERMOTT WILL & EMERY LLP	7. Total fee (37 CFR 3.41) \$40.00					
Name:						
Internal Address:	☐ Enclosed					
	Authorized to be charged to deposit account					
Street Address: 4370 La Jolla Village Drive, Suite 700	8. Deposit account number:					
	502624					
City: San Diego State: CA Zip: 92122						
DO NOT USE T	'HIS SPACE					
9. Statement and signature.						
To the best of my knowledge and belief, the foregoing inform	nation is true and correct and any attached copy is a true copy					
of the original document.						
David A. Gay, Reg. No. 39,200 /David A. Gay/	October 17, 2007					
	Signature Date					
OMB No. 0651-0027 (exp. 6/30/2005)						
CERTIFICATE OF ELECTRONIC TRANSMISSION	nd Trademark, Office on Ostobou 17, 2007					
I hereby certify that this correspondence is being electronically-transmitted to the United States Patent at /Carrie Hines/	nd Trademark Office on October 17, 2007					

Carrie Hines

SDO 79532-1.066662.0031

PATENT REEL: 019977 FRAME: 0283

Form of Patent Assignment

Genomatica, Inc., a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 5405 Morehouse Drive, Suite 210, San Diego, California 92121 (herein referred to as "Assignor") hereby acknowledges that pursuant to the License and Technology Transfer Agreement executed 6th day of July 2007, (herein referred to as "the License Agreement"), the Assignor sold, assigned, transferred, and set over, unto GT Life Sciences, Inc., a coroporation duly organized under and pursuant to the laws of California, and having its principal place of business at 5405 Morehouse Drive, Suite 210, San Diego, California 92121 (herein referred to as "Assignee"), the entire right, title, and interest in and to invention(s) set forth in the patent(s) and patent application(s) identified in the License Agreement and as set forth below:

Patent Application(s)

Application Serial No.: 10/402	,854	File Date:	March 27, 2003			
Assignment Recordation Date:	September 4, 2003	Reel/Frame No.:	013951/0607			
Title: HUMAN METABOLIC MODELS AND METHODS						
The Assignor agrees that the Assignee may record this Confirmatory Assignment in the U.S. Patent and Trademark Office, where it will be open for public inspection.						
Date: 10/16/07	By:	Maky Soleth	5			
	Name:	CHRISTOPHE	E SCHILLING			
	Title:	PRESIDEN	τ			

Company: GENOMATICA

SDO 78336-1.066662.0139

RECORDED: 10/17/2007

PATENT REEL: 019977 FRAME: 0284