## 504577717 10/03/2017 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ	· ·	
		Name	Execution Date
PER-GORAN GILLBERG			05/14/2013
HANS GRAFFNER			05/14/2013
INGEMAR STARKE			05/14/2013
RECEIVING PARTY DA	TA		
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City:	GOTHENBURG		
State/Country:	SWEDEN		
Postal Code:	413 46		
Application Number:	15	5722110	
PROPERTY NUMBERS Property Type		Number	
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CORRESPONDENCE D	ΑΤΑ		
Fax Number:	(8	377)769-7945	
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Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	(8 e sent to t provided; (6 er Al FI P. JMBER:	he e-mail address first; if that is unsu if that is unsuccessful, it will be sent (12) 335-5070 hb@fr.com NGELA D. FOLLETT ISH & RICHARDSON P.C. .O.BOX 1022 INNEAPOLIS, MINNESOTA 55440-102 23854-0030007 ELIZABETH A. BAUER /Elizabeth A. Bauer/	via US Mail.

## ASSIGNMENT

For valuable consideration, we, PER-GöRAN GILLBERG of Södermalmsgatan 22, Mölndal, SE-431 69, Sweden, HANS GRAFFNER of Konsulns väg 16, Helsingborg, 252 84, Sweden and INGEMAR STARKE of Frigångsgatan 8c, Goteborg, 41301, Sweden, hereby assign to: Albireo AB, a corporation of Sweden having a place of business at: Arvid Wallgrens Backe 20, 413 46 Gothenburg, Sweden; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled IBAT INHIBITORS FOR THE TREATMENT OF LIVER DISEASES, filed April 25, 2013, and assigned U.S. Serial Number 13/881,447, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignce may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 2

## PATENT REEL: 043769 FRAME: 0080

Attorney's Docket No.: 23854-0030U81 / P228767U800

PER-QORAN GILLBERG Date: <u>14 May 2013</u> Witnessed by: Min Pramberry Date: 14 May 2.013 Name: Name: Date: 14 May 2612 HANS GRAFFNER Date: 14Mm, 2013 Witnessed by: Kil\_\_\_\_ Date: \_\_\_\_\_ 2013 Name: Name: Revilia Trambory Date: 14 May 2013 Date: 14 May 2013 /ngum fruit\_\_\_\_\_\_ INGEMAR STARKE Witnessed by: Name: \_\_\_\_\_\_\_ Namber \_\_\_\_\_\_ Date: \_\_\_\_\_ Date: \_\_\_\_\_ \_\_\_\_\_ Date: <u>1419763</u> 2613 Name:

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**RECORDED: 10/03/2017**