## PATENT ASSIGNMENT

## Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVE	YANCE:	ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	' DATA						
		Name	Execution Date				
Daniel Gudbjartsson			02/15/2010				
Unnur Steina Bjornso	dottir		02/22/2010				
Patrick Sulem			02/11/2010				
RECEIVING PARTY I	DATA						
Name:	deCODE gen	etics ehf					
Street Address:	Sturlugata 8						
City:	Reykjavik						
State/Country:	ICELAND						
Postal Code:	Code: 101						
Property I Application Number:		Numt 12636082					
Property T		Numb	per				
PCT Number:		IS0900015	900015				
CORRESPONDENCE Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	(312)474 <i>be sent via US</i> 312-474 docket@ 233 Sou 6300 Se	Mail when the fax attempt is unsuccess	sful.				
		30847/44081A					

Total Attachments: 3 source=44081A US assignment#page1.tif source=44081A US assignment#page2.tif source=44081A US assignment#page3.tif

<u>Joint</u>

## ASSIGNMENT

WHEREAS, we, Daniel Gudbjartsson, Unnur Steina Bjornsdottir, and Patrick Sulem have invented a certain invention or improvement in Genetic Variants as Markers for Use in Diagnosis, Prognosis and Treatment of Eosinophilia, Asthma, and Myocardial Infarction described in an application for Patent,

[] the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);

[] is about to be filed in the United States Patent Office as a Provisional Application;

[X] the specification of which is United States Provisional Application No.61/122,267;

[X] the specification of which is International Application No.PCT/IS2009/000015 filed December 11, 2009;

[X] the specification of which is United States Application Serial No. 12/636,082, filed December 11, 2009;

[] which was patented under United States Patent No. [].

WHEREAS, deCODE genetics ehf. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Iceland, and having a usual place of business at Sturlugata 8, 101 Reykjavik, Iceland, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all other countries, in and to said invention and improvements as described in said application and any and all other applications that may be filed on said invention or improvements, together with the entire right, title and interest in and to said applications and such Letters Patent as may issue thereon; said invention, improvements, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment,

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Assignment of Genetic Variants as Markers for Use in Diagnosis, Prognosis and Treatment of Eosinophilia, Asthma, and Myocardial Infarction

being of the entire right, title and interest in and to said invention and improvements, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention and improvements to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

	Inventor <u>Daniel Gudbjartsson</u> Date <u>1</u>	5.2.2020
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Witness	Thordin Gunnades Do Mie MARIECT SDEDUT 32, 108 REMUJAUM	ICELAND
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Assignment of Genetic Variants as Markers for Use in Diagnosis, Prognosis and Treatment of Eosinophilia, Asthma, and Myocardial Infarction

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Witness Address	THOLL HPAC	NS GU ETISBE	WMAR: SUT	5 <u>00 p</u> 32, 100	NE P Gyn Le	JAVAK EZANE)	
	Inventor	Patrick Sulem	P		Date <u>  </u> <sup>+</sup> h	Jebruazy	2010
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**RECORDED: 03/08/2010**