To the Commissioner, United States Patent and Trademark Office Pitals record to assacred original documents or copy thereof.  1. Name of conveying party(ies)  1. Sugardur V. Smirhason 2. Albert V. Smirhason 2. Albert V. Smirhason 2. Albert V. Smirhason 3. Nature of conveyance:  [N] Assignment [] Merger [] Change of Name [] Other  Execution Date: 1. June 20, 2002 2. May 20, 2002 Additional numbers of statebed? [] Yes [X] No  Additional number(s) and patents in a party of the paper of the application is:  A patent Application No (s) 10(199,587  Additional numbers attached? [] Yes [X] No  Additional numbers of party to whom correspondence concerning document should be mailed:  Name: Alice O. Carroll  Internal Address:  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Alice O. Carroll  Internal Address:  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Alice O. Carroll  Internal Address:  5. Switch Address:  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Alice O. Carroll  Internal Address:  5. Switch Address:  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Alice O. Carroll  Internal Address:  5. Deposit account number:  6. Total rumber of applications and patents involved:  [] Authorized to charge any deficiencies or credit any overpayment to deposit account  [] Authorized to charge any deficiencies or credit any overpayment to deposit account  [] Authorized to be charged to deposit account  [] Authorized to perform the company of the origin document and signature.  Figure 1. Party 1. Pa	@PFDesktop\::ODMA/MHODMA/iManage;323549;1	7 - 12 - 2002 Docket No.: 2345.2027-	
1. Name of conveying party(ies) 1. Sigurdur V. Smith  T. 09.02  Additional name(s) of conveying party(ies) attached? [] Yes [X] No  3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other  Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  Additional name(s) & address(es) attached? [] Yes [X] No  Additional name(s) & address(es) attached? [] Yes [X] No  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20, 2002  Additional name(s) & address(es) attached? [] Yes [X] No  OTHER Execution Date: 1. June 20, 2002 2. May 20,	RECOR	EET	
1. Sigurdur V. Smith  T. 09.02  Additional name(s) of conveyance:  [X] Assignment  [] Merger  [] Security Agreement  [] Change of Name  City: 101 Reykjavik  State: lecland  ZIP:  Additional name(s) & address(e) attached?  [] Yes  [X] No  Assignment  [] Change of Name  City: 101 Reykjavik  State: lecland  ZIP:  Additional name(s) & address(e) attached?  [] Yes  [X] No  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:  A. Patent Application No (s)  B. Patent No.(s)  Additional numbers attached?  [] Yes  [X] No  [X]	To the Commissioner, United States Patent and Trademar	NOTICE: Please record the attached original documents or copy thereof.	
Additional name(s) of conveyance:	,		
Additional name(s) of conveying party(ies) attached? [] Yes [X] No  3. Nature of conveyance:  [X] Assignment [] Merger  [] Security Agreement [] Change of Name  [] Other  Execution Date: 1. June 20, 2002 2. May 20, 2002  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:  A. Patent Application No.(s)  B. Patent No.(s)  Street Address of party to whome correspondence concerning document should be mailed:  Name: Alice O. Carroll  Internal Address:  Hamilton, Brook, Smith & Reynolds, P.C.  Street Address: 530 Virginia Road, P.O. Box 9133  S	<ol> <li>Sigurdur V. Smárason</li> <li>Albert V. Smith</li> </ol>	Name: deCODE genetics ehf.	
3. Nature of conveyance:  [X] Assignment  [] Merger  [] Security Agreement  [] Change of Name  [] Other  Execution Date:   [] June 20, 2002  [] Additional name(s) & address(es) attached? [] Yes [X] No  Additional name(s) & address of the application is trached? [] Yes [X] No  Additional name(s) & address of the application is trached? [] Yes [X] No  Additional name(s) & address of the application is trached? [] Yes [X] No  B. Patent No.(s)  Additional name(s) & address of the application is trached? [] Yes [X] No  B. Patent No.(s)	7.09.02	Internal Address:	
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5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Alice O. Carroll  Internal Address:  Hamilton, Brook, Smith & Reynolds, P.C.  Street Address:  S		B. Patent No.(s)	
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Name: Alice O. Carroll   7. Total Fee (37 C.F.R. 3.41)			
Internal Address:    Hamilton, Brook, Smith & Reynolds, P.C.   [X]   Authorized to charge any deficiencies or credit any overpayment to deposit account   [X]   Authorized to be charged to deposit account   [X]   Authorized to		or ross someon or approaches and patents involved.	
Street Address: 530 Virginia Road, P.O. Box 9133   S. Deposit account number:    OB-0380	Name: Alice O. Carroll	7. Total Fee (37 C.F.R. 3.41)	
Street Address: 530 Virginia Road, P.O. Box 9133  8. Deposit account number:  08-0380  City: Concord State: MA ZIP: 01742-9133  City: DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Elizabeth W. Mata  Name of Person Signing  Overpayment to deposit account overpayment ove	Internal Address:		
Street Address: 530 Virginia Road, P.O. Box 9133  8. Deposit account number:  08-0380  City: Concord State: MA ZIP: 01742-9133  CAttach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Elizabeth W. Mata  Name of Person Signing  Dates M. Hoole Acade 31, 361 for Chromatic W. Mata  Signature  Chromit W. Mata	Hamilton, Brook, Smith & Reynolds, P.C.		
City: Concord State: MA ZIP: 01742-9133 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Elizabeth W. Mata  Name of Person Signing  Date  Date		[ ] Authorized to be charged to deposit account	
City: Concord State: MA ZIP: 01742-9133 (Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Elizabeth W. Mata  Name of Person Signing  Direct M. Hoale Acat 36, 361 for Signature Clystalk b. nata.	Street Address: 530 Virginia Road, P.O. Box 9133	8. Deposit account number:	
(Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Elizabeth W. Mata  Name of Person Signing  Dozen M. Hoale Rook 36, 36, 48, 48, 48, 48, 48, 48, 48, 48, 48, 48		08-0380	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Elizabeth W. Mata  Name of Person Signing  Discov M. Hoale Acot 36, 361 for Chystolic W. Nata  Date	City: Concord State: MA ZIP: 01742-9133	(Attach duplicate copy of this page if paying by deposit account)	
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Name of Person Signing  Name of Person Signing  Signature  Cligabuth W. Nata	To the best of my knowledge and belief, the foregoing informa	ntion is true and correct and any attached copy is a true copy of the original	
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Joint

## **ASSIGNMENT**

WHEREAS, we, Sigurdur V. Smårason and Albert V. Smith, have invented a certain improvement in METHOD FOR DESALTING NUCLEIC ACIDS described in an application for Letters Patent of the United States, the specification of which:

[]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
[X]	was filed on March 27, 2002 as Application No. 10/109,587;
[]	was patented under U.S. Patent No. [ ] on [ ].

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

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 foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application 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, being of the entire right, title and interest in and to said invention, 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 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 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.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

	Inventor Sigurdur V. Smárason Dat	e June-20-zonz
	Address Grettisgötu 31	
	101 Reykjavik, Iceland	***************************************
Witness	s Askell Lâne	
Address	Leitsgatz 20	
	101 Reylijavila, Iceland	
Witness	: Deguy Heinedotis	
Address	s Blasalir 16	
	201 Kopavogw Iceland	

	Inventor Albert V. Smith	Date 20. May 2007
	Address Gardastraeti 11  101 Reykjavik, Iceland	
Address	Askell Löne Leifsgete 20 101 Reykjevik, Iceland	
Witness Address	Daguý Kurnsdottir Blészlir 16 201 Kopavogur Iceland	

**RECORDED: 07/09/2002**