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) T	the Hanarahla Commissioner of Patent	PATENTS		abad anininal a	Patent and Trademark (
	the Honorable Commissioner of Patent: d address of conveying party(ies):		2. Name and addr		
Name: Benjamin G. Davis Address: 1 Finney Terrace Durham, DH1 1RT, United Kingdom United Kingdom			Name: Genencor International, Inc. Address: 4 Cambridge Place 1870 South Winton Road 1870 South Winton Road Rochester, New York 14618		
 [X] Individual [] Association [] General Partnership [] Limited Partnership [] Corporation [] Other: Additional name(s) of conveying party(ies) attached? [X] Yes [] No 			Additional name(s) of receiving party(ies) attached?		
[X] Ass [] Secu Execution Da	rity Agreement [] Cha e: July 24, 2001 and August 1, 20	nge of Name	[] Other:		
-	plication Number(s) or Patent Number(his document is being filed together with	. ,	the execution date	of the applicati	on is:
	pplication Number(s). <u>09/824,827, File</u> al numbers attached? [] Yes	<u>ed 04/02/01</u> [X] No	 B. Patent Numb Additional n 	per(s):!	N/A :d? []Yes []N
	d address of party to whom correspond	ence concerning	6. Total number of	applications an	d patents involved: One
this doct Name:	ment should be mailed: Michael J. Shuster, Ph.D.		7. Total fee (37 C.F [] Enclosed	C.R. § 3.41)(\$40	0.00 per assignment): \$ <u>40.</u>
Address	McCutchen, Doyle, Brown & Enerse Three Embarcadero Center San Francisco, California 94111	m	[x] The Commis	sioner is autho	o Deposit Account No. <u>50-</u> rized to charge underpaym to Deposit Account No. 50-
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9. Statemer	it and signature.				
of the or	est of my knowledge and belief, the fore ginal document. <u>Calkins, Esq.</u> <u>Reg. No. 43,5</u> Registration N	23	true and correct an	d any attached	copy is a true copy <u>August 2, 2001</u> Date
	Total nu	mber of pages includi	ing cover sheet, atta	achments and d	ocument:5
	Mail documents Commissioner of Patent	to be recorded with rest and Trademarks,Bo			
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Box 1 Additional Names and addresses from conveying parties:

- Name: John Bryan Jones 1275 Seaforth Crescent Address: RR3 Lakefield Ontario, Canada KO1 2H0
 - [X] Individual [] Association [] General Partnership [] Limited Partnership

 - [] Corporation [] Other:

Name: Richard R. Bott Address: 3032 Hillside Drive Burlingame, CA 94010

- [] Association [X] Individual
- General Partnership [] Limited Partnership []
- Corporation [] Other: []

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors:

Benjamin G. Davis, John Bryan Jones and Richard R. Bott

Who have created a certain invention for which an application for United States Letters Patent entitled SYNTHESIS AND USE OF GLYCODENDRIMER REAGENTS has been executed and



is filed herewith;

 \boxtimes

was filed in the U.S. Patent and Trademark Office on April 2, 2001 and assigned Serial Number 09/824,827;

Do hereby sell, assign and transfer to Genencor Interntional, Inc., a Delaware Corporation, having a place of business at 4 Cambridge Place, 1870 South Winton Road, Rochester, New York 14618, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties;

Agree that Genencor Interntional, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives of said invention in said Assignee, successors, assigns, or legal representatives shall consider desirable for aiding in securing maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives is a said invention in said Assignee, successors, assigns, or legal representatives of said invention in said Assignee, successors, assigns, or legal representatives is a said invention in said Assignee, successors, assigns, or legal representatives;

The terms "Application" and Application for Letters Patent" as used herein include both provisional and non-provisional applications;

21324236_1.DOC Docket No. 23623-7052

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Inventors hereby authorizes the above-mentioned Assignee or its legal representative to insert in this instrument the filing date and serial number of said Application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the dates indicated below.

BENJAMIN G. DAVIS

Date: _____

JOHN BRYAN JONES

2001 Date:

RICHARD R. BOTT

Date:

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Inventors hereby authorizes the above-mentioned Assignee or its legal representative to insert in this instrument the filing date and serial number of said Application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the dates indicated below.

BENJAMIN G. DAVIS

Date:

JOHN BRYAN JONES

Date:

RICHARD R. BOTT Date:

21324236_1.DOC Docket No. 23623-7052

RECORDED: 08/06/2001

PATENT REEL: 012053 FRAME: 0218