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Attorney Docket Number: 50195/012002

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Please record the attached document.	
Names of all conveying parties:	Names and addresses of all receiving parties:
James M. Robl Philippe Collas Eddie Sullivan Poothappillai Kasinathan Richard A. Goldsby	Hematech, LLC 33 Riverside Avenue 2 nd Floor Westport, CT 06880
Additional names attached: NO	Additional names/addresses attached: NO
3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other: Execution Date: 10/20/03, 10/06/03, 10/20/03, 10/20/03, and 10/29/03, respectively.	
Application numbers or patent numbers:	
A. Patent Application Number(s): 10/441,503	B. Patent Number(s):
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1 7. Total fee (37 C.F.R. § 3.41): \$40.00
Karen L. Elbing, Ph.D., REG. NO. 35,238 Clark & Elbing LLP 101 Federal Street	[] Fee enclosed [X] Authorized to charge deposit account
Boston, MA 02110 Customer No.: 21559	8. Deposit account number: 03-2095. If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to Deposit Account No. 03-2095.

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document or a true copy thereof.

Karen L. Elbing, Ph.D.

Name of person signing

PATENT REEL: 015049 FRAME: 0916

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
James M. Robl	Brandon	South Dakota
Philippe Collas	Oslo	Norway
Eddie Sullivan	Manhattan Ten	Kansas SD
Poothappillai Kasinathan	Manhattan Sioux Falls	Kansas SD
Richard A. Goldsby	Leverett	Massachusetts

have assigned, and by these presents do assign to

Full Name of Assignee	State of Incorporation	Business Address
Hematech, LLC	Delaware	33 Riverside Avenue 2 nd Floor Westport, CT 06880

and to 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 one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
TRANSGENIC UNGULATES CAPABLE OF HUMAN ANTIBODY PRODUCTION	May 19, 2003	10/441,503

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes 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 names 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 Assignee may reasonably request to effectuate fully this assignment.

+6174287046

In Witness Whereof, I hereto set my hand and seal at _______ this ____ day of ______, 20___.

PHILIPPE COLLAS

IN WITNESS WHEREOF, I here	eto set my hand and seal at	
this day of	, 20	· L.S.
JAMES M. ROBL		
STATE OF	. :ss.	
COUNTY OF	. .	
Before me this known to me to be the personal that he/she executed the sa	_ day of, 20, personally appeared JA on whose name is subscribed to the foregoing Assignment, a me as his/her free act and deed for the purposes therein con	MES M, ROBL ind acknowledged tained.
	Notary Public	
[Notary's Seal Here]	My Commîssîon Expires:	
In Witness Whereof, I her this 6 day of 25	eto set my hand and seal at	
PHILIPPE COLLAS		L.\$.
, , nen i e ooberse		

From-CLARK & ELBING LLP

IN WITNESS WHEREOF, I hereto	o set my hand and seal at <u>Horno</u> 2005	Hach Lic, Siny Fally, SD.
<i>/</i> -> / / / /	(ivan)	L.S.
STATE OF South Dakota	100	
COUNTY OF MUNICE HARA	<u></u> :	
known to me to be the person	day of <u>October</u> , 20 <u>03</u> n whose name is subscribed to the ne as his/her free act and deed for	Spersonally appeared EDDIE SULLIVAN foregoing Assignment, and acknowledged the purposes therein contained.
TARA L. KING NOTARY PUBLIC SEAL SOUTH DAKOTA	Notary Public My Commission Expires:	
Motary's Seal Honey was provided	**	ON EXPIRES AUGUST 9, 2008
		ON EXPINES AUGUST 9, 2008
In Witness Whereof, I hereto this 20 day of Ochober P. Lines Poothappillal Kasinath		Hah 21C, Sionex Falls, BD.,
STATE OF South Dallot	:ss.	
COUNTY OF Munnerala	<u></u> ;	
KASINATHAN known to me to	o be the person whose name is so	personally appeared POOTHAPPILLAI ubscribed to the foregoing Assignment, and ct and deed for the purposes therein
TARA L. KING	a	
	Jaial K-	
NOTARYPUBLIC SOUTH DAKOTA SOUTH DAKOTA	Notary Public My Commission Expires	COMMISSION EXPIRES AUGUST 9, 2008

Page 3 of 4

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IN WITNESS WHEREOF, I hereto set my hand and seal at Amhor AMA
This 2-9 day of 0-+2 by , 2003 Dich C Joldson Ls. RICHARD A. GOLDSBY
RICHARD A. GOLDSBY
STATE OF <u>Massac hu ssl Is</u> : :ss.
COUNTY OF Hampshire:
Before me this $\frac{\partial 9}{\partial x}$ day of $\frac{\partial x}{\partial x}$ day of $\frac{\partial x}{\partial x}$, 2003 personally appeared RICHARD A. GOLDSBY known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.
Names a. Brow Qu'od

My Commission Expires:

Notary Fublic

[Notary's Seal Here]

My Commission Expires January 22, 2010

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