


FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 <div style="font-size: 2em; margin-top: 10px;">11/5/01</div>	<div style="font-size: 1.5em;">12-18-2001</div>  <div style="font-size: 1.2em;">RECORDED 101916952</div>	U.S. Department of Commerce Patent and Trademark Office PATENT <div style="margin-top: 10px;">SHEET</div>
PATENTS ONLY		
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Submission Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID # <input type="text"/> <input type="checkbox"/> Correction of PTO Error Reel # <input type="text"/> Frame # <input type="text"/> <input type="checkbox"/> Corrective Document Reel # <input type="text"/> Frame # <input type="text"/>	Conveyance Type <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> License <input type="checkbox"/> Change of Name <input type="checkbox"/> Merger <input type="checkbox"/> Other <input type="text"/> <div style="text-align: center; font-weight: bold; margin-top: 5px;">U.S. Government</div> <div style="text-align: center; font-size: 0.8em;">(For Use ONLY by U.S. Government Agencies)</div> <input type="checkbox"/> Departmental File <input type="checkbox"/> Secret File	
Conveying Party(ies) <input type="checkbox"/> Mark if additional names of conveying parties attached		
Name (line 1) <input type="text" value="Gotz"/>		Execution Date Month Day Year <div style="border: 1px solid black; padding: 2px;">08 15 2001</div>
Name (line 2) <input type="text" value="NOWAK"/>		
Second Party		
Name (line 1) <input type="text" value="Elke"/>		Execution Date Month Day Year <div style="border: 1px solid black; padding: 2px;">08 15 2001</div>
Name (line 2) <input type="text" value="BUCHA"/>		<div style="font-size: 1.5em;">09/890654</div>
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Name (line 1) <input type="text" value="HAEMOSYS GbH"/>		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2) <input type="text"/>		
Address (line 1) <input type="text" value="Winzerlaer Strasse 2a"/>		
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City State/Country Zip Code		
Domestic Representative Name and Address Enter for the first Receiving Party only.		
Name <input type="text" value="Millen, White, Zelano & Branigan, P.C."/>		
Address (line 1) <input type="text" value="Arlington Courthouse Plaza I"/>		
Address (line 2) <input type="text" value="Suite 1400"/>		
Address (line 3) <input type="text" value="2200 Clarendon Blvd."/>		
Address (line 4) <input type="text" value="Arlington, Virginia 22201"/>		
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11/06/2001 UEDUVIJE 00000050 09890654

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Correspondent Name and Address

Area Code and Telephone Number

(703) 243-6333

Name Millen, White, Zelano & Branigan, P.C.

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Pages

Enter the total number of pages of the attached conveyance document including any attachments

3

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/890,654

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

13-3402

Authorization to charge additional fees:

Yes ☒

No ☐

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. Charges to deposit account are authorized, as indicated herein.

Julianne M. Murray

Name of Person Signing

Signature

Date

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

METHOD FOR DETERMINING THE CONCENTRATION OF THROMBIN INHIBITORS

- ☐ for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☐ for which U.S. Application Serial No. _____ for Letters Patent was filed in the U.S. Patent and Trademark Office on _____
- ☒ for which an International Application was filed on 28 JANUARY 2000 as PCT/DE00/00330, designating the United States.

AND WHEREAS

HaemoSys GbH
Winzerlaer Strasse 2a
D-07745 Jena
Germany

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.


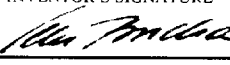
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment any further identification which 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.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR Gotz NOWAK	INVENTOR'S SIGNATURE 	DATE 15/05/2001
202	FULL NAME OF SECOND JOINT INVENTOR Elke BUCHA	INVENTOR'S SIGNATURE 	DATE 13/08/2001
203	FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
204	FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
205	FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207	FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
208	FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
209	FULL NAME OF NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
210	FULL NAME OF TENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
211	FULL NAME OF ELEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
212	FULL NAME OF TWELFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT

RECORDED: 11/05/2001

REEL: 012364 FRAME: 0599