A/NOR1-41) Docket No.: 59676 (41925) U.S. DEPARTMENT OF COMMERCE FCRM PTO-1595 (Modified) 1EET 12-15-2003 (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/RFV03 TOTO8 RECEIPTIO ▼ 2 0 NOV 2003 the attached original documents or copy thereof. Tab settings To the Director of the United States ration und 02622326 9-27 01934 Epo2/01934 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): **Sven NERDINGER** Name: MORPHOCHEM Thilo FUCHS Katrin ILLGEN Address: Aktiengesellschaft fur kombinatorische Chemie, Robert ECKL Gmunder Str. 37-37a, 81379 Munchen ☐ Yes ☒ No Additional names(s) of conveying party(ies) **GERMANY** 3. Nature of conveyance: ☐ Merger City: _____ State/Prov.: _____ ☐ Change of Name ☐ Security Agreement ZIP: Country: Other Execution Date: August 18, 2003 □ No ☐ Yes Additional name(s) & address(es) Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Filing date B. Patent No.(s) Patent Application No. 10/468,975 August 22, 2003 ☐ Yes 🏻 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Peter F. Corless 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 33,860 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: EDWARDS & ANGELL, LLP Authorized to be charged to deposit account P.O. Box 9169 HUDE LLANDGRA 00000081 10468975 8. Deposit account number: 04-1105 State/Prov.: MA City: Boston ZIP: 02209 Country: USA (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

Total number of pages including cover sheet, attachments, and

of the original document.

Christine C. O'Day, Reg. No. 38,256 Name of Person Signing

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

(hist C.a.

PATENT REEL: 014776 FRAME: 0380

November 20, 2003

Date

ASSIGNMENT

WHEREAS, I, Sven NERDINGER, inventor and a citizen of Germany, I, Thilo FUCHS, inventor and a citizen of Germany, I, Katrin ILLGEN, inventor and a citizen of Germany, and I, Robert ECKL, inventor and citizen of Germany (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "NOVEL COMPOUNDS THAT INHIBIT FACTOR Xa ACTIVITY", for which an application for United States Letters Patent with the same title has been filed with the United States Patent and Trademark Office under PCT Application No. PCT/EP02/01934 filed on 22 February 2002, designating the United States of America;

WHEREAS, MORPHOCHEM, Aktiengesellschaft für kombinatorische Chemie, Gmunder Str. 37-37a, 81379 München, Germany, (each, hereinafter referred to as the "Assignee"), are desirous of acquiring the entire right, title and interest in and to this invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said applications and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have sold, assigned, and transferred, and do hereby sell, assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said applications, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said inventions in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its

PATENT REEL: 014776 FRAME: 0381 successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the law firm of EDWARDS & ANGELL LLP 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 documents.

IN WITNESS WHEREOF, the Assignors have caused this Assignment to be executed.

Dated this _18	_day of _	August	, 2003.
			Sven NERDINGER
Dated this 18	_ day of _	Augus 7	, 2003.
			This FUCHS
Dated this	_ day of _	August	, 2003.
			Katrin ILLGEN
Dated this	_day of _	August	, 2003.
			Robert ECKL
WITNESS			WITNESS
18.8.03 Full (Date)	M		WITNESS (Date)

PATENT RECORDED: 11/20/2003 REEL: 014776 FRAME: 0382