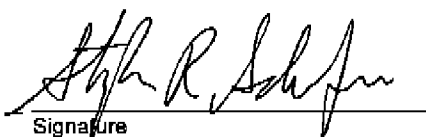


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Client's Ref. No.: 2002P10029 US01

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PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Andreas Wildhagen, Michael Kretz, Joerg Kessler, Heinz Pauly and Prasad Kompalli Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): SAP AKTIENGESELLSCHAFT Intellectual Property Department Neurottstrasse 16 69190 Walldorf Germany Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 05/14/2003; 05/19/2003; 06/23/2003; 05/28/2003; 05/14/2003	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 10/301,864 B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: STEPHEN R. SCHAEFER Fish & Richardson P.C., P.A. 60 South Sixth Street Suite 3300 Minneapolis, MN 55402	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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Page 1 of 2

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Andreas Wildhagen, Michael Kretz, Joerg Kessler, Heinz Pauly and Prasad Kompalli, hereby sell, assign, and transfer to SAP Aktiengesellschaft, a German Corporation, having offices located at Neurotstrasse 16, D-69190 Walldorf, Germany, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

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and which is found in

- (a) ☐ U.S. patent application executed on _____, entitled as above, listing the above named person as inventor.
- (b) ☒ U.S. patent application filed on 11/22/2002
[X] under Application No. 10/301,864
[] with Express Mail No. _____ (Application Number not yet known).
- (c) ☐ U.S. Patent No.: _____, issued _____.

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent 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. ASSIGNORS authorize ASSIGNEE to apply in all countries in the names of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the United States Patent and Trademark Office to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Attorney's Docket No.: 13906-064001
SAP Ref. No.: 2002P10029 US01;
Page 2 of 2

Inventor's Signature Andreas Wildhagen
ANDREAS WILDHAGEN

Witnessed by: E. Hahn
Signature
Ellen Hahn
Print Name

May 14 2003
Date

Inventor's Signature _____
MICHAEL KRETZ

Witnessed by: _____
Signature

Print Name

Date

Inventor's Signature _____
JOERG KESSLER

Witnessed by: _____
Signature

Print Name

Date

Inventor's Signature _____
HEINZ PAULY

Witnessed by: _____
Signature

Print Name

Date

Inventor's Signature _____
PRASAD KOMPALLI

Witnessed by: _____
Signature

Print Name

Date

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Attorney's Docket No.: 13906-064001
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Page 2 of 2

Inventor's Signature _____
ANDREAS WILDHAGEN

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature Michael Kretz
MICHAEL KRETZ

Witnessed by: T. V. Subramaniam
Signature _____
T. V. SUBRAMANIAM
Print Name

19.5.03
Date

Inventor's Signature _____
JOERG KESSLER

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
HEINZ PAULY

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
PRASAD KOMPALLI

Witnessed by: _____
Signature _____
Print Name _____

Date

Attorney's Docket No.: 13906-064001
SAP Ref. No.: 2002P10029 US01:
Page 2 of 2

Inventor's Signature _____
ANDREAS WILDHAGEN

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
MICHAEL KRETZ

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
JOERG KESSLER

Witnessed by: _____
Signature _____
Andreas Dahl
Print Name _____

June 23, 2003

Date

Inventor's Signature _____
HEINZ PAULY

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
PRASAD KOMPALLI

Witnessed by: _____
Signature _____
Print Name _____

Date

Attorney's Docket No.: 13906-064001
SAP Ref. No.: 2002P10029 US01;
Page 2 of 2

Inventor's Signature _____
ANDREAS WILDHAGEN

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
MICHAEL KRETZ

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
JOERG KESSLER

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
HEINZ PAULY

Witnessed by: _____
Signature _____
Print Name _____

28.5.2003

Date

Inventor's Signature _____
PRASAD KOMPALLI

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Attorney's Docket No.: 13806-064001
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Inventor's Signature _____
ANDREAS WILDHAGEN

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
MICHAEL KRETZ

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
JOERG KESSLER

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature _____
HEINZ PAULY

Witnessed by: _____
Signature _____
Print Name _____

Date

Inventor's Signature K. N. D. Prasad
PRASAD KOMPALLI

Witnessed by: B. K. Seshagiri
Signature _____
B-K. SESHAGIRI
Print Name _____

14.05.2003
Date

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