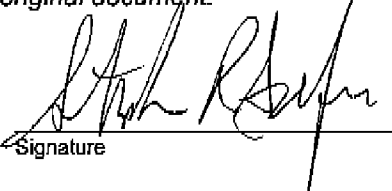


Substitute Form PTO-1595
 Attorney Docket No.: 13909-113001 / 2002P00001 US

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Axel Spriestersbach and William Patrick Tunney Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): SAP AKTIENGESELLSCHAFT 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: June 16, 2003; September 17, 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): 10/339,673 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: <p style="text-align: center;">PTO Customer Number 32864</p>	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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9. Statement and Signature: <i>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.</i>	
Stephen R. Schaefer Reg. No. 37,927 Name of Person Signing	<div style="text-align: center;">  Signature </div> <div style="text-align: center; margin-top: 20px;"> Oct. 29, 2003 Date </div>
Total number of pages including coversheet, attachments and document: 5	

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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

October 29, 2003
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Axel Spriestersbach and William Patrick Tunney, hereby sell, assign, and transfer to SAP Aktiengesellschaft, a German Corporation, having offices located at Neurottstrasse 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

Operating a Browser to Display First and Second Virtual Keyboard Areas that the User Changes Directly or Indirectly

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 1/10/2003
 under Application No. 10/339,673
 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.: 13909-113001
SAP Ref. No.: 2002P00001EP
Page 2 of 2

Inventor's Signature *Axel Spriestersbach*
AXEL SPRIESTERSBACH

Witnessed by: *Nadine Heitmann*
Signature
NADINE HEITMANN
Print Name

10.6.2003
Date

Inventor's Signature _____
WILLIAM PATRICK TUNNEY

Witnessed by: _____
Signature

Print Name

Date

Attorney's Docket No.: 13909-113001

SAP Ref. No.: 2002P00001EP

Page 1 of 2

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Page 2 of 2

Inventor's Signature _____
AXEL SPRIESTERSBACH

Witnessed by: _____
Signature

Date

Print Name

Inventor's Signature *William Patrick Tunney*
WILLIAM PATRICK TUNNEY

Witnessed by: *Adilson Ribeiro*
Signature

9/17/03
Date

ADILSON RIBEIRO
Print Name