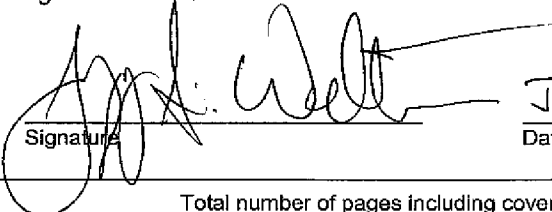


Substitute Form PTO-1595

Attorney Docket No.: 13909-098001

Client's Ref. No.: 2003E00054 DE


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):  Jie Weng, Li Gong, Samir Raiyani, Vinod Guddad, Richard J. Swan and Hartmut K. Vogler  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: 05/09/2003; 05/05/2003; 05/09/2003; 05/18/2003; 05/02/2003; 05/02/2003	
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).: 10/358,665 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:  HANS R. TROESCH Fish & Richardson P.C. 3300 Dain Rauscher Plaza 60 South Sixth Street 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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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>  Gregory A. Walters Reg. No. 41,366 Name of Person Signing   Signature  July 16, 2003 Date  Total number of pages including coversheet, attachments and document: 9	

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CERTIFICATE OF TRANSMISSION BY FACSIMILE

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

July 16, 2003		Arlenette Fouttes
Date of Transmission	Signature	Typed Name of Person Signing Certificate

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Jie Weng, Li Gong, Samir Raiyani, Vinod Guddad, Richard J. Swan and Hartmut K. Vogler, 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

## Multi-Modal Synchronization

and which is found in

- (a)      U.S. patent application executed on \_\_\_\_\_, entitled as above, listing the above named person as inventor.
- (b) XXX U.S. patent application filed on 2/6/2003  
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 [    ] 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.

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ASSIGNORS requests 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.: 13909-098001  
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Page 2 of 2

Inventor's Signature JIE WENG

Witnessed by: Signature

RAMA K. GURRAM

Print Name

Date 5/9/2003

Inventor's Signature LI GONG

Witnessed by: Signature

Print Name

Date

Inventor's Signature SAMIR RAIYANI

Witnessed by: Signature

RAMA K. GURRAM

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Date 5/9/2003

Inventor's Signature VINOD GUDDAD

Witnessed by: Signature

Print Name

Date

Inventor's Signature RICHARD J. SWAN

Witnessed by: Signature

FRANCIS H. JAMES

Print Name

Date May 2, 2003

Inventor's Signature HARTMUT K. VOGLER

Witnessed by: Signature

Print Name

Date

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JIE WENG

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Signature

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Date

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RICHARD J. SWAN

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VINOD GUDDAD

Witnessed by: \_\_\_\_\_  
Signature

\_\_\_\_\_  
RISHI KISHORESHAH  
Print Name

\_\_\_\_\_  
05/18/2003  
Date

Inventor's Signature \_\_\_\_\_  
RICHARD J. SWAN

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Signature

\_\_\_\_\_  
SURESH R. DABU  
Print Name

2 - May - 2003  
\_\_\_\_\_  
Date