H \$40.00 061050 1132118

Substitute Form PTO-1595 Attorney Docket No.: 15609-088001 Client's Ref. No.: 2005P00933 US

PATENTS ONLY

Commissioner for Patents: Please record the attached original docume	nt(s) or copy(ies).					
Name of conveying party(ies):	2. Name and address of receiving party(ies):					
1-Henning Schmitz, 2-Thomas Friedrich, 3-Ami Heitner and 4-Christoph Scheiber	SAP AG Dietmar-Hopp-Allee 16 69190 Walldorf					
Additional name(s) attached? 🗆 Yes 🗵 No	Germany					
3. Nature of conveyance:	•					
Execution Date: 1-January 23, 2006; 2-January 31, 2006; 3-March 30, 2006; 4-January 24, 2006	Additional names/addresses attached? □ Yes ☑ No					
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).:	B: Patent No(s).;					
11/321,198 filed December 29, 2005						
Additional numbers at	ached? □ Yes ■ No					
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1					
PTO Customer No. 32864	7. Total fee (37 CFR §3.41): \$40					
Fish & Richardson P.C. P.O. Box 1022	□ Enclosed ☑ Authorized to charge Deposit Account.					
Minneapolis, MN 55440-1022	8. Deposit Account No.: 06-1050					
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.					
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 of the original document.						
J. Richard Soderberg Reg. No. 43,352 Name of Person Signing Signature	1/6/06 Date					
Total number of pages including coversheet, attachments and document: 6 pages						

60349990.doc

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.

Date of Fransmission

Elizabeth A. Bauer lame of Person Signing Certificate

REEL: 017449 FRAME: 0456

which is found in

6 FISH & RICHARDSON PC PA STRATEGIC RESEARCH & DEV

+49 6227 763696

☑003 \$.02/05

Attorney Docket No.: 15809-088001 / 2005P00933 US Page 1 of 2

<u>ASSIGNMENT</u>

For valuable consideration, we, Henning Schmitz, Thomas Friedrich, Ami Heitner and Christoph Scheiber, hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Allee 16, 59190 Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") our entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled

OBJECT MODEL FOR INITIATING PHYSICAL OPERATIONS,

We authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and

U.S. patent application filed on December 29, 2005

11/321_198

[X] under Application No. ___

serial number of the application when known,

OLIVER Print Name

improvements; and the right to claim priority based on the filing date of the foreg Convention for the Protection of Industrial Property, the Patent Cooperation Treaties of like purposes. We authorize the Assignee to apply in all countries in and design registrations and like rights of exclusion and for inventors' certificates.	aly, the European Petent Convention, and all other our names or in its own name for patents, utility models,
We hereby state and agree that no assignment, sale, agreement, or encumbrance of filet with this assignment, $\frac{1}{2}$	ce has been or will be made or entered into that would
We further agree for ourselves and our respective heirs, legal representatives, a request and at its expense all pertinent facts and documents relating to any of string legal equivalents as may be known and accessible to us and to teatify as to the relating thereto; and we agree promptly to perform such lewful acts and to sign a other lawful documents as the Assignee may reasonably request to effectuate fully.	aid inventions and Improvements or said patents and same in any interference, litigation, or proceeding such further applications, assignments, statements, and
Inventor's Signature Henning Schmitz Witnessed by: Signature Rosevi Teyev Print Name	23.01.106 Date
Inventor's Signature Thomas Friedrich Witnessed by: D. Clemen	31.01, '06'

FISH & RICHARDSON PC PA

+49 6227 763696

☑ 004 5.03/05

Attorney Docket No.: 15809-088001 / 2005P00933 US Page 2 of 2

Inventor's Signat	ure	
Witnessed by:	Signature	Date
	Print Name	
Inventor's Signat	Christoph Scheiber	24.61.06
Witnessed by:	Signature Rosert Meyer	Date

15609-088001 Assign.doc

Print Name

Alterney Docket Na.: 15609-088001 / 2005P00833 US Page 1 of 2

<u>ASSIGNMENT</u>

For valuable consideration, we, Henning Schmitz, Thomas Friedrich, Ami Heitner and Christoph Scheiber, hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") our entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled

OBJECT MODEL FOR INITIATING PHYSICAL OPERATIONS

	OPPLOT MC	ADEL LOK MULIVITING BM	TSICAL OPERATION	ONŞ.	
which is found in	1				
	U.S. patent application filed on	<u>December 29, 2005</u>			
	[X] under Application No				
We authorize an serial number of	d request the attorneys of record the application when known.	or the attorney filing the ap	oplication to insert i	into this assignment t	the filing date and
improvements; a Convention for the treaties of like pu	includes the foregoing patent ap alents; all patents, utility models, and the right to claim priority base ne Protection of Industrial Proper urposes. We authorize the Assig trations and like rights of exclusion	ed on the filing date of the following the Patent Cooperation in the Institute of the Roman in the Institute of the Institute	anted by any jurisd pregoing patent app Treaty, the Europe	diction for any of said plication or patent un- an Patent Convention	inventions and der the International n, and all other
	and soree that no assignment s				
legal equivalents relating thereto; a	for ourselves and our respective expense all pertinent facts and as may be known and accessible and we agree promptly to perform ments as the Assignee may reas	e to us and to testify as to t such lawful acts and to sig	of said inventions a he same in any inte	ind improvements or : erference, litigation, c	said patents and
Inventor's Signati	ITO.				
mentor a Orginati	Henning Schmitz				
Witnessed by:	Signature		Date		
	Print Name				
Inventor's Signatu	reThomas Friedrich	7811			
Witnessed by:	Signature	<u></u>	Date	<u> </u>	_
	Print Name	<u>=</u> 1M			

PATENT REEL: 017449 FRAME: 0459

Date

Attorney Docket No.: 15609-088001 / 2005P00833 US Page 2 of 2

Inventor's Signature

Witnessed by:

Signature

Print Name

E mr regine

Inventor's Signature

Christoph Scheiber

Witnessed by:

Signature

Print Name

15609-088001 Assign, doe

PATENT REEL: 017449 FRAME: 0460