Substitute Form PTO-1595 Attorney Docket No.: 13910-018001 / 2004P00246 US01

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original docume	ent(s) or copy(ies).	
Name of conveying party(ies):	Name and address of receiving party(ies):	
(1) Peter S. Ebert; (2) Michael Heinrich; (3) Ian J. Kimbell; (4) Janaki P. Kumar; (5) Steven Mann; (6) Frederic E. Samson; (7) Bernhard Schweizer; (8) Zia Yusuf	SAP AKTIENGESELLSCHAFT Neurottstrasse 16 69190 Walldorf Germany	
Additional name(s) attached? ☐ Yes 图 No		
3. Nature of conveyance:		
 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: 		
Execution Date: (1) May 17, 2004; (2) May 17, 2004; (3) May 27, 2004; (4) June 11, 2004; (5) May 18, 2004; (6) June 26, 2004; (7) May 17, 2004; (8) May 17, 2004	Additional names/addresses attached? ☐ Yes 図 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).:	
10/880,512, filed July 1, 2004		
Additional numbers at	tached? □ Yes ॼ No	
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1	
	7. Total fee (37 CFR §3.41); \$40	
PTO Customer Number 32864	☐ Enclosed ☑ Authorized to charge Deposit Account.	
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9. Statement and Signature: To the best of my knowledge and any attached copy is a true copy of the original document	belief, the foregoing information is true and correct and t.	
H. Sanders Gwin, Jr. Reg. No. 33,242 Name of Person Signing Signature	Date 27, 2004	
Total r	number of pages including coversheet, attachments and document: 13	

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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.

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Attorney Docket No.: 13910-018001 / 2004P00246 U\$01 Page 1 of 2

<u>ASSIGNMENT</u>

For valuable consideration, we, Peter S. Ebert, Michael Heinrich, Ian J. Kimbell, Janaki P. Kumar, Steven Mann, Frederick E. Samson, Bernhard Schweizer and Zia Yusuf, hereby assign to SAP Aktiengesellschaft, a German Corporation, having a place of business at Neurottstrasse 16, D-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

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U.S. patent application filed on $\frac{July\ 1,\ 2004}{10/880,512}$ [] with Express Mail No (Application Nur	mber not yet known).
d request the attorneys of record or the attorney filing the appl the application when known.	ication to insert into this assignment the filing date and
includes the foregoing patent application or patent, all legal edalents; all patents, utility models, and design registrations grand the right to claim priority based on the filing date of the forme Protection of Industrial Property, the Patent Cooperation Trurposes. We authorize the Assignee to apply in all countries intrations and like rights of exclusion and for inventors' certificates.	nted by any jurisdiction for any of said inventions and egoing patent application or patent under the Internationa eaty, the European Patent Convention, and all other tour names or in its own name for patents, utility models
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for ourselves and our respective heirs, legal representatives, sexpense all pertinent facts and documents relating to any of as may be known and accessible to us and to testify as to the and we agree promptly to perform such lawful acts and to sign ments as the Assignee may reasonably request to effectuate to	said inventions and improvements or said patents and a same in any interference, litigation, or proceeding such further applications, assignments, statements, and
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	U.S. patent application filed on [x] under Application No. 10/880,512 [] with Express Mail No. (Application Nur description of the attorneys of record or the attorney filing the application when known. Includes the foregoing patent application or patent, all legal explaints; all patents, utility models, and design registrations grained the right to claim priority based on the filing date of the foreign Protection of Industrial Property, the Patent Cooperation Transposes. We authorize the Assignee to apply in all countries intrations and like rights of exclusion and for inventors' certificat and agree that no assignment, sale, agreement, or encumbrates assignment. If for ourselves and our respective heirs, legal representatives, as expense all pertinent facts and documents relating to any of as may be known and accessible to us and to testify as to the and we agree promptly to perform such lawful acts and to sign ments as the Assignee may reasonably request to effectuate the Peter/S. Ebert Signature Print Name Migrael Heinrich Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana Aana

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Attorney Docket No.: 13910-018001 / 2004P00246 US01 Page 2 of 2

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Inventor's Signa	ature Janakí P. Kumar	
Witnessed by:	Signature	Date
	Print Name	
Inventor's Signa	steven Mann	
Witnessed by:	Signature	D <i>a</i> te
	Print Name	
Inventor's Signa	ture Frederick E. Samson	
Witnessed by:	Signature	Date
	Print Name	
Inventor's Signa	ture Bernhard Schweizer	
Witnessed by:	Signature	Date
	Print Name	
Inventor's Signa	ture Zia Yusuf	May (7, 2001,
Witnessed by:	Signature HEINE VAN CEFI	Date
	Print Name	

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Attorney Docket No.: 13910-018001 / 2004P00248 US01 Page 1 of 2

<u>ASSIGNMENT</u>

FISH & RICHARDSON

For valuable consideration, we, Peter S. Ebert, Michael Heinrich, Ian J. Kimbell. Janaki P. Kumar, Steven Mann, Frederick E. Samson, Bernhard Schweizer and Zia Yusuf, hereby assign to SAP Aktiengesellschaft, a German Corporation, having a place of business at Neurottstrasse 16, D-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

FEEDBACK SYSTEM FOR VISUAL CONTENT,

which is found in

U.S. patent application filed on July 1, 2004

[x] under Application No. 10/880,512

[] with Express Mall No. (Application Number not yet known).

We authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

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 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. We authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

We hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signs	ature Peter S. Ebert		
Witnessed by:	Signature	Date	
	Print Name		
In∨entor's Signa	ature	- '	
Witnessed by:	Signature	Date	 .
	Print Name		

COPY TO PATENT SERVICES

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Signature

Zia Yusuf

Bernhard Schweizer

Janaki P. Kumar

Steven Mann

Inventor's Signature

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Attorney Docket No.: 13910-016001 / 2004P00248 US01 Date Frederick E. Samson Date

Date

Date

Print Name

Attorney Docket No.: 13910-018001 / 2004P00246 US01

Page 1 of 2

<u>ASSIGNMENT</u>

For valuable consideration, we, Peter S. Ebert, Michael Heinrich, Ian J. Kimbell, Janaki P. Kumar, Steven Mann, Frederick E. Samson, Bernhard Schwelzer and Zia Yusuf, hereby assign to SAP Aktiengesellschaft, a German Corporation, having a place of business at Neurottstrasse 16, D-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

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	Peter S. Ebert	
Witnessed by:	Signature	Date Date
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Attorney Docket No.: 13910-018001 / 2004P00246 US01 Page 2 of 2

Inventor's Si	gnature	<u> </u>
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Inventor's Sig	Anaki P. Kumar	
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Inventor's Sig	Steven Mann	_
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Inventor's Sign	ratureFrederick E. Samson	
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Attorney Docket No.: 13910-018001 / 2004P00246 US01 Page 1 of 2

<u>ASSIGNMENT</u>

For valuable consideration, we, Peter S. Ebert, Michael Heinrich, Ian J. Kimbell, Janaki P. Kumar, Steven Mann, Frederick E. Samson, Bernhard Schweizer and Zia Yusuf, hereby assign to SAP Aktiengesellschaft, a German Corporation, having a place of business at Neurottstrasse 16, D-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

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Inventor's Signat	Peter S. Ebert	
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Attorney Docket No.: 13910-018001 / 2004P00246 U\$01 Page 2 of 2

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Attorney Docket No.: 13910-018001 / 2004P00246 USQ1 Page 1 of 2

ASSIGNMENT

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request and at its ext legal equivalents as ; relating thereto; and ;	ourselves and our respective heirs, legal representatives, a pense all pertinent facts and documents relating to any of so may be known and accessible to us and to testify as to the se we agree promptly to perform such lawful acts and to sign a tits as the Assignee may reasonably request to effectuate fu	aid Inventions and improvements or sald patents and same in any Interference, litigation, or proceeding the further applications, assignments, statements, and
Inventor's Signature		
_	Peter S. Ebert	
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Inventor's Signature	Michael Heinrich	
Witnessed by:	Michael Reinnich	
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	Bernhard Schweizer		
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Inventor's Signature Peter S. Ebert	
Witnessed by: Signature	, Date
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Inventor's Signature	
Michael Heinrich	
Witnessed by: Signature	Date
Print Name	

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Inventor's Signal	Print Name ture Frederick E. Samson	
Witnessed by:	Print Name pure Banha Solwing	Date
Inventor's Signat	Bernhard Schweizer Latalic Pichler Print Name	5.17.2009 Date
nventor's Signat	ureZla Yusuf	
Witnessed by:	Signature	Date

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