



ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

**Jörg Heuer**  
residing at:  
**Fischbachauerstraße 8**  
**81539 München**  
**GERMANY**

**Andreas Hutter**  
residing at:  
**Kesselbergstr. 14**  
**81539 München**  
**GERMANY**

**ULRICH NIEDERMEIER**  
residing at:  
**Viehauserstraße 18**  
**94405 Landau**  
**GERMANY**

residing at:

residing at:

residing at:

residing at:

residing at:

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in München , GERMANY herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Method for improving the functions of the binary representation of MPEG-7 and other XML-based content descriptions**

disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No.                    2001P01749WOUS  
and filed as PCT-application        PCT/DE02/00343

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

IDNR: 4248 / V: 99-1.00 / B:Val

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 17.07.03

Jörg Heuer  
Jörg Heuer

Witnesses: U. Ranschenbadi  
(type name) Uwe Ranschenbadi

Witnesses: M. Illgner  
(type name) Klaus Illgner

Date: 16.7.03

Andreas Hutter  
Andreas Hutter

Witnesses: T. Siviy  
(type name) S. Tvetusanarora

Witnesses: Andrea Hofler-Vogt  
(type name) Andrea Hofler-Vogt

Date: 26.7.03

Ulrich Niedermeier  
ULRICH NIEDERMEIER

Witnesses: Bernhard Niedermeier  
(type name) Bernhard Niedermeier

Witnesses: Christa Niedermeier  
(type name) Christa Niedermeier