

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                    |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
|---|-----------------------------------|---------------|----------------|---------------------|------------|-----------|------------|----------------|------------|--------------------|------------|------------------|------------|---------------|------------|-------------------|------------|-------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| <b>CONVEYING PARTY DATA</b>   |                                   |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Uwe Schlarb</td> <td>07/08/2010</td> </tr> <tr> <td>Rene Dehn</td> <td>07/12/2010</td> </tr> <tr> <td>Daniel Niehoff</td> <td>07/12/2010</td> </tr> <tr> <td>Stefan A. Baeuerle</td> <td>07/09/2010</td> </tr> <tr> <td>Bernhard Thimmel</td> <td>07/09/2010</td> </tr> <tr> <td>Matthias Lehr</td> <td>07/12/2010</td> </tr> <tr> <td>Karsten Fanghanel</td> <td>07/12/2010</td> </tr> <tr> <td>Klaus Rauer</td> <td>07/08/2010</td> </tr> </tbody> </table> |                                   | Name          | Execution Date | Uwe Schlarb         | 07/08/2010 | Rene Dehn | 07/12/2010 | Daniel Niehoff | 07/12/2010 | Stefan A. Baeuerle | 07/09/2010 | Bernhard Thimmel | 07/09/2010 | Matthias Lehr | 07/12/2010 | Karsten Fanghanel | 07/12/2010 | Klaus Rauer | 07/08/2010 |
| Name  | Execution Date                    |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Uwe Schlarb   | 07/08/2010                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Rene Dehn   | 07/12/2010                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Daniel Niehoff  | 07/12/2010                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Stefan A. Baeuerle  | 07/09/2010                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Bernhard Thimmel  | 07/09/2010                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Matthias Lehr   | 07/12/2010                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Karsten Fanghanel   | 07/12/2010                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Klaus Rauer   | 07/08/2010                        |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| <b>RECEIVING PARTY DATA</b>   |                                   |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
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| Street Address:   | Dietmar-Hopp-Allee 16             |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| City:   | Walldorf                          |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| State/Country:  | GERMANY                           |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Postal Code:  | D-69190                           |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                   |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12843291</td> </tr> </tbody> </table>   |                                   | Property Type | Number         | Application Number: | 12843291   |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Property Type   | Number                            |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| Application Number:   | 12843291                          |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
| <b>CORRESPONDENCE DATA</b>  |                                   |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |
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| ATTORNEY DOCKET NUMBER:   | 2010P00107US                      |               |                |                     |            |           |            |                |            |                    |            |                  |            |               |            |                   |            |             |            |

OP \$40.00 12843291

**501255505**

**PATENT**  
**REEL: 024802 FRAME: 0108**

NAME OF SUBMITTER:

Nandu A. Talwalkar

Total Attachments: 4

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## ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assignment of the following rights, title and interest: *(check all that apply)*

United States of America rights, title and interest in the invention

Foreign rights, title and interest in the invention

The following United States Patent Application

U.S. Patent Application No.: 12/843,291

which was filed: July 26, 2010

United States Provisional Patent Application Serial No.:

United States Patent No(s).:

International (PCT) Patent Application Serial No.:

Other *(specify)*:

TITLE OF THE INVENTION:

**FACILITATION OF EXTENSION FIELD USAGE BASED ON  
REFERENCE FIELD USAGE**

### Inventors *(assignors)*

| Name                      | Address   |
|---------------------------|---|
| <b>Uwe Schlarb</b>        | SAP Global IP Group, SAP AG, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany |
| <b>Rene Dehn</b>          | SAP Global IP Group, SAP AG, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany |
| <b>Daniel Niehoff</b>     | SAP Global IP Group, SAP AG, Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany |
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**Assignee**

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|--------|--|
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Whereas, we, the above-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

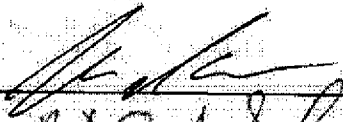
And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further authorize and request that attorney, Nandu A. Talwalkar, of Buckley, Maschoff & Talwalkar LLC, insert the filing date and application number of the above-referenced patent application when known;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures

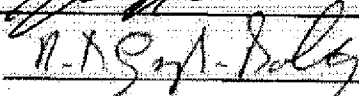
Uwe Schlarb:



Date:

8.7.2010

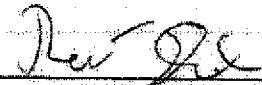
Witnessed by:



Date:

8.7.2010

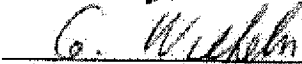
Rene Dehn:



Date:

12.7.2010

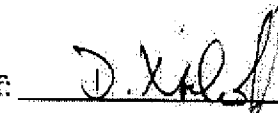
Witnessed by:



Date:

12.7.2010

Daniel Niehoff:



Date:

12.07.2010

Witnessed by:



Date:

12.07.2010

Stefan A. Baeuerle:



Date:

09.07.2010

Witnessed by:



Date:

09.07.2010

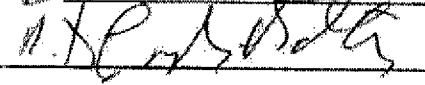
Bernhard Thimmel:



Date:

9.7.2010

Witnessed by:



Date:

9.7.2010

Matthias Lehr: [Signature] Date: 12.7.2010

Witnessed by: [Signature] Date: 12.7.2010

Karsten Fanghänel: [Signature] Date: 12.7.2010

Witnessed by: [Signature] Date: 12.07.2010

Klaus Rauer: [Signature] Date: 8.7.2010

Witnessed by: [Signature] Date: 8.7.2010