

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|--|--|----------------|---------------------|------------|-------------------|------------|-----------------------|------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Markus ABEL</td> <td>12/06/2011</td> </tr> <tr> <td>Alexander MUELLER</td> <td>12/06/2011</td> </tr> <tr> <td>Domenico NARDACCHIONE</td> <td>12/16/2011</td> </tr> </tbody> </table> | Name | Execution Date | Markus ABEL | 12/06/2011 | Alexander MUELLER | 12/06/2011 | Domenico NARDACCHIONE | 12/16/2011 | |
| Name | Execution Date | | | | | | | | |
| Markus ABEL | 12/06/2011 | | | | | | | | |
| Alexander MUELLER | 12/06/2011 | | | | | | | | |
| Domenico NARDACCHIONE | 12/16/2011 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
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| City: | Munich | | | | | | | | |
| State/Country: | FEDERAL REPUBLIC GERMANY | | | | | | | | |
| Postal Code: | 80333 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13390075</td> </tr> </tbody> </table> | Property Type | Number | Application Number: | 13390075 | | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13390075 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 2454.1265 | | | | | | | | |
| NAME OF SUBMITTER: | Richard A. Gollhofer | | | | | | | | |
| Total Attachments: 2 source=2pp_Assignment#page1.tif source=2pp_Assignment#page2.tif | | | | | | | | | |

OP \$40.00 13390075

ASSIGNMENT

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

Markus ABEL
residing at:
Grabenstr. 12
77694 Kehl-Bodersweier,
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Citizenship: DE

Alexander MÜLLER
residing at:
Franz-Volk-Str. 17
77652 Offenburg,
GERMANY

Citizenship: DE

Domenico NARDACCHIONE
residing at:
Kehler Str. 36
77652 Offenburg,
GERMANY

Citizenship: IT

hereby sell, assign, and transfer to

| |
|--|
| Siemens Aktiengesellschaft a German corporation organized and existing under the laws of GERMANY having its (their) principal place of business in München; GERMANY |
|--|

hereinafter the "Assignee(s)", its (their) successor(s), assigns and legal representatives the entire and exclusive right, title and interest in and for the United States and for any of the Contracting States bound by the PCT on the international filing date, in all and to any improvements which are disclosed in the PCT international application for Letters Patent designating the United States and any of the Contracting States bound by the PCT on the international filing date, said application being identified in our records as

Applicants File No. 2009P13334WOUS
and filed as PCT-application PCT/EP2010/061389

and entitled


(Title:) **Method and device for determining a temperature T of a metal melt without contact**

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 and any of the Contracting States bound by the PCT on the international filing date 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 and any of the Contracting States bound by the PCT on the international filing date on said improvements;

IDNR: 4248 / 06.06.2007

hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), 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(s), its (their) successor(s), 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(s), its (their) successor(s), 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(s), its (their) successor(s), assigns, and legal representatives; and hereby covenant with said Assignee(s), its (their) successor(s), 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: 06.12.11


Markus ABEL

Witnesses: Scharnagl
(printed name: SCHARNAGL)

Witnesses: R. IHM
(printed name: R. IHM)

Date: 06.12.2011


Alexander MÜLLER

Witnesses: Scharnagl
(printed name: SCHARNAGL)

Witnesses: R. IHM
(printed name: R. IHM)

Date: 16.12.2011


Domenico NARDACCHIONE

Witnesses: Andrea Pezza
(printed name: ANDREA PEZZA)

Witnesses: Markus DORUDORF
(printed name: MARKUS DORUDORF)