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Reg. No. 44,961

Total number of pages including cover sheet, attachments, and documents

Signature

JOHN P. MUSONE

Name of Person Signing

ASSIGNMENT

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

Thomas Beck

residing at:

Jägerstr. 25 D 16341 Panketal GERMANY Dr. Georg Bostanjoglo

residing at:

Odenwaldstr. 17 12161 Berlin GERMANY

residing at:

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:) Process for producing a hole, and apparatus

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

Applicants File No.

2003P10483WOUS

and filed as PCT-application

PCT/EP2004/009793

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;

PATENT REEL: 017754 FRAME: 0390 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 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: 16. Jan 206	Docens Fox
Q ,	Thomas Beck
Witnesses: All de (type name)	
Witnesses:(type name)	_
Date:	See. page 3 Dr. Georg Bostanjoglo
Witnesses:(type name)	_
Witnesses:(type name)	_
Date:	
Witnesses:	_
(type name)	
Witnesses:	
(type name)	-

PATENT REEL: 017754 FRAME: 0391 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:	See page 2
	Thomas Beck
Witnesses:(type name)	
Witnesses:(type name)	
Date: 2006/01/16	Georg Bostanjoglo Dr. Georg Bostanjoglo
Witnesses: Dirk Seeger (type name) Witnesses: Andrea Rolz	
Witnesses: Andrea Rolz (type name)	
Date:	
Witnesses:	
(type name)	
Witnesses:	
(type name)	

PATENT REEL: 017754 FRAME: 0392

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PATENTS	SONLY Atty Docket No. 200310483WOUS
To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.	
Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
Thomas Beck	Name: Siemens Aktiengesellschaft
Georg Bostanjoglo	Internal Address:
Execution Date(s) <u>January 16, 2006 (Bostanjoglo);</u> <u>January 26, 2006 (Beck)</u> Additional name of conveying party(ies) attached? Yes No	Street Address: Wittelsbacherplatz 2
3. Nature of conveyance:	
	City: Muenchen
☐ Security Agreement ☐ Change of Name	State:
Government Interest Assignment	Country: GERMANY Zip: 80333
☐ Executive Order 9424, Confirmatory License	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
☐ Other	
4. Application number(s) or patent number(s):	
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers atta	ched? 🗌 Yes 🛭 No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: ONE
Name: Elsa Keller	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
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Street Address: 170 Wood Avenue South	☐ Enclosed
City: Iselin	☐ None required (government interest not affecting title)
State: NJ Zip: <u>08830</u>	8. Payment Information
Phone Number: 732-321-3026	a. Credit Card Last 4 Numbers Expiration Date
Fax Number: _732-321-3014	b. Deposit Account Number 19-2179
Email Address: elsa keller@siemens.com	Authorized User Name JOHN P. MUSONE
9. Signature:	APRIL 6, 2006
Signature Date	
JOHN P. MUSONE Reg. No. 44,961 Total number of pages including cover sheet, attachments, and documents 4	
Name of Person Signing	

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RECORDED: 04/06/2006