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U.S. DEPARTMENT OF COMMERCE EET

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c2005 Staas & Halsey LLP To the Director of the U.S. Pater

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1. Name of conveying party(ies): Franz GÖRNER Bernhard LANG Stephen Craig MONTAGUE

2. Name and Address of receiving party(ies):

> SIEMENS AKTIENGESELLSCHAFT Wittelsbacherplatz 2 80333 Munich **GERMANY**

3.	Nature of conveyance: X
4.	Application number(s) or patent number(s): This document is being filed together with a new application. OR This document is being filed after filing of the application: (a) Patent Application No(s)., filed (Concurrently); or (b) Patent No(s)., issued.
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1454.1626 Attention: Richard A. Gollhofer 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005
6.	Total number of applications and patents involved:1
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) ☐ Enclosed ☐ Authorized to be charged to deposit account.
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)
	rd A. Gollhofer, Reg. No. 31,106 of Person Signing Signature Total number of pages including cover sheet: 5 Do Not Use THIS SPACE

PATENT

REEL: 017567 FRAME: 0526

Revised January, 2005

08/22/2005 ATRONL

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DNR: 4248 / V: 04-1.00 / B: Val

ASSIGNMENT

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

Dr. Franz Görner

residing at:

Schlehenweg 7

91074 Herzogenaurach

GERMANY

Bernhard Land

residing at:

Gustav-Heinemann-Ring 27

81739 München

GERMANY

Stephen Craig Montague

residing at:

530 Aivin Hough Road

28107 Midland, NC

UNITED STATES OF AMERICA

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:) Multivariate, prädiktive Regelung eines Direktreduktionsprozesses

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

Applicants File No.

2003P01811WOUS

and filed as PCT-application

PCT/EP2004/001275

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: 017567 FRAME: 0527

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: 137.05	Dr. Franz Görner
Witnesses: SM. Rohm (type name)	J11150
(type name)	M. litter
Date:	Bernhard Lang
Witnesses:(type name)	
Witnesses:(type name)	
Date:	Stephen Craig Montague
Witnesses:(type name)	
Witnesses:(type name)	

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

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Date:	Dr. Franz Görner
Witnesses:(type name)	
Witnesses:(type name)	
Date: 19.07.05	Bernhard Lang
Witnesses: A Column Sterzing (type name) Witnesses: Paylof Dicke Boydoll (type name)	
Date:	Stephen Craig Montague
Witnesses:(type name)	
Vitnesses:(type name)	

PATENT REEL: 017567 FRAME: 0529 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

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Date:	
	Dr. Franz Görner
Witnesses:	
(type name)	
Witnesses:	
(type name)	
Date	
Date:	Bemhard Lang
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Tue 25 205	led com met
Date: July 25, 2015	Stephen Craig Montague
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(type name) Thomas w. CAWWW Witnesses: Konaed M. Fischie	
(type name) Round AL FISCHER.	

PATENT RECORDED: 08/15/2005 REEL: 017567 FRAME: 0530