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1) MATTHIAS GOLDAMMER 2) WERNER HEINRICH	Name: Siemens Aktiengesellschaft			
Execution Date(s) 1) Feb 5, 2009 2) Feb 3, 2009	internal Address:			
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	With lab ask and lab 2			
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A. Patent Application No.(s)	B. Patent No.(s)			
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ASSIGNMENT

12/310858 IAPO5Rec'd PCT 10 MAR 2009

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

Dr. Matthias Goldammer

residing at:

Türkenstr. 54 80799 München GERMANY Dr. Werner Heinrich

residing at:

Am Wiesenweg 17 16727 Oberkrämer OT Bärenklau GERMANY

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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

herein 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 in the

(Title:) METHOD AND DEVICE FOR DETERMINING COMPONENT PARAMETERS BY MEANS OF THERMOGRAPHY

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.

2006P15739WOUS

and filed as PCT-application

PCT/EP2007/059413

PATENT REEL: 022398 FRAME: 0866

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;

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: <u> </u>	Dr. Matthias Goldammer ,/
Witnesses: Multiple March	Witnesses: Chushay Haulus
(printed name: Hubert Meos 4a (*)	(printed name: CHRIST AN HOHMA)
Date:	Dr. Werner Heinrich
Witnesses:	Witnesses:
(printed name:)	(printed name:

PATENT REEL: 022398 FRAME: 0867 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;

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:	Dr. Matthias Goldammer
Witnesses:	Witnesses:
Date: 3209 Witnesses: Chris Herrmann,	

RECORDED: 03/10/2009

PATENT REEL: 022398 FRAME: 0868