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1. Name of conveying party(ies):

Herbert Haller

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Siemens Aktiengesellschaft

Internal Address: _____

Street Address: _____

Wittelsbacherplatz 2

City: Munich

State: _____

Country: Germany Zip: D-80333

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): December 22, 2010

- Assignment Merger Change of Name
- Security Agreement Joint Research Agreement
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- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

13/056,406

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Donald J. Daley
HARNESS, DICKEY & PIERCE, P.L.C.

Internal Address: Atty. Dkt.: 32860-001879/US/NP
Street Address: P.O. Box 8910

City: Reston

State: VA Zip: 20195

Phone Number: (703) 668-8000

Fax Number: (703) 668-8200

Email Address: dcmalroom@hdp.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 08-0750

Authorized User Name Donald J. Daley

9. Signature:

Signature

January 28, 2011

Date

Donald J. Daley - 34,313

Name of Person Signing

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

4

CH \$40.00 080750 13056406

ASSIGNMENT

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

Herbert HALLER
residing at:
Am Kirchwald 4
92260 Fichtenhof,
GERMANY

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:) SAFETY SWITCHING ARRANGEMENT FOR OUTPUTTING A SWITCHING SIGNAL

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. 2008P11428WOUS
and filed as PCT-application PCT/EP2009/056990

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

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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: 22.12.2010

Herbert Haller
Herbert HALLER

Witnesses: *Thomas Bär*

Witnesses: *Thomas Krämer*

(printed name: Thomas Bär)

(printed name: Krämer)