

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hagen Haupt	12/13/2011
Thomas Schulte	12/03/2011
Christian Vollbrecht	12/09/2011
RECEIVING PARTY DATA	
Name:	dSPACE digital signal processing and control engineering GmbH
Street Address:	Rathenastr. 26
City:	Paderborn
State/Country:	GERMANY
Postal Code:	33102
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13293251
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Total Attachments: 2 source=20301_4035_Assignment#page1.tif source=20301_4035_Assignment#page2.tif	

CH \$40.00 13293251

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE,

Dr. Hagen HAUPT
Pfarrer-Dalkmann-Weg 24, D-33184 Altenbeken, Germany

Dr.-Ing. Thomas SCHULTE
Bielefelder Str. 38, D-33813 Oerlinghausen, Germany

Mr. Christian VOLLBRECHT
Krafffeldstr. 1, D-77715 Brühl, Germany

(hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled

"REAL-TIME SIMULATION OF BATTERY CELLS"

for which application for Letters Patent of the United States of America has been executed on November 10, 2011, serial number 13/293,251 and, and which claims priority to German Application No. 10 2010 062 838.7 filed December 10, 2010; and

WHEREAS, dSPACE digital signal processing and control engineering GmbH, a corporation organized and existing under and by virtue of the laws of Germany and having its place of business at Rathenastr. 26, 33102 Paderborn, Germany (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEES, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to issue said patents and equivalents to said ASSIGNEES, its successors and assigns, in accordance with this Assignment and hereby transfers all rights of action, power and benefit belonging to or accruing from the invention including the right to undertake proceedings to recover past and future damages and claim all other relief in respect of any acts of infringement thereof whether such acts shall have been committed before or after the date of this assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEES or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

1. H. Haupt
Dr. Hagen HAUPT

13. 12. 11
Date

2. T. Schulte
Dr.-Ing. Thomas SCHULTE

3. 12. 11
Date

3. C. Vollbrecht
Mr. Christian VOLLBRECHT

9. 12. 11
Date

(no legalization required)