PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4908470

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CUTLER TECHNOLOGY CORPORATION	03/22/2018

RECEIVING PARTY DATA

Name:	ASPEN TECHNOLOGY, INC.
Street Address:	20 CROSBY DRIVE
City:	BEDFORD
State/Country:	MASSACHUSETTS
Postal Code:	01730

PROPERTY NUMBERS Total: 5

Property Type	Number
Patent Number:	6980938
Patent Number:	7444193
Patent Number:	7263473
Patent Number:	7447554
Patent Number:	7599751

CORRESPONDENCE DATA

Fax Number: (978)341-0136

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9783410036
Email: rhonda.scherer@hbsr.com
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ATTORNEY DOCKET NUMBER:	1086.0000-000
NAME OF SUBMITTER:	RHONDA M. SCHERER
SIGNATURE:	/Rhonda M. Scherer/
DATE SIGNED:	04/10/2018
Total Attachments: 4	

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EXHIBIT D
PATENT ASSIGNMENT

WHEREAS, Cutler Technology Corporation, a Texas corporation, with an address at 157 Westcourt Lane, San Antonio, Texas 78257, together with Dr. Charles R. Cutler ("Assignor") owns all right, title and interest in and to the patents and/or patent applications identified in Exhibit A attached hereto, including the inventions described therein and the patents issued and reissued thereon (collectively, the "Patents"), the renewals therefor and all claims for past or future infringement thereof.

WHEREAS, Aspen Technology, Inc., a Delaware corporation with an address 20 Crosby Drive, Bedford, MA 01730 ("Assignee"), and Assignor have entered into an Asset Purchase Agreement (the "Agreement") dated March 22, 2018, under which Assignor agreed to sell and Assignee agreed to purchase certain assets of Assignor, including the aforesaid Patents, and the applications and renewals therefor and all claims for past or future infringement thereof.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, convey and transfer unto Assignee, its successors and assigns, free and clear of any and all liens, restrictions, claims and encumbrances, Assignor's entire right, title, and interest in and to the Patents and divisions, continuations or continuations-in-part thereof, together with all rights of registration, maintenance, and protection thereof in any form, all rights to income, royalties, damages and payments now due or hereafter due or payable in respect thereto (excluding any license or support fees due under the Customer Contracts), and all rights of recovery and of legal action for past or future infringements and of interference proceedings and reexaminations involving such Patents.

All capitalized words and terms used herein and not defined herein shall have the respective meanings ascribed to them in the Purchase Agreement.

This Assignment shall be construed, interpreted and applied in accordance with the laws of the Commonwealth of Massachusetts without regard to its conflicts of law principles.

This Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed by their duly authorized officers as of the 22nd day of March, 2018.

ASSIGNOR

CUTLER TECHNOLOGY CORPORATION

By: _____
Name: Dr. Charles R. Cutler
Title: President & CEO
Date: March 22, 2018

State of TX)
) ss.:
County of Harris)

On this 22 day of March, 2018, before me, Nikki D. Dickerson personally appeared Charles Cutler, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public _____ My Commission expires: 12/21/2021

NIKKI DICKERSON
My Notary ID # 10710448
Expires December 21, 2021

ASSIGNEE

ASPEN TECHNOLOGY, INC.

By: _____
Name: Antonio J. Pietri
Title: President & CEO
Date:

State of MA)
) ss.:
County of Middlesex)

On this 20 day of March, 2018, before me, Cecilia M. Hamlin, personally appeared Antonio J. Pietri, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Notary Public Cecilia M. Hamlin My Commission expires: 23 November 2023

CECILIA M. HAMLIN
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 23, 2023

EXHIBIT A
To Patent Assignment Dated March 22, 2018

Patent	Country	Docket No.	Filing Date	Issued	Patent No	Type
Method for removal of PID dynamics from MPC models	United States	MAE-CRC-02-US	01/10/2002	12/27/2005	6,980,938	US Issued
Online dynamic advisor from MPC models	United States	MAE-CRC-04-US	06/15/2005	10/28/2008	7,444,193	US Issued
Method for removal of PID dynamics from MPC models	United States	MAE-CRC-05-US	06/14/2005	8/28/2007	7,263,473	US Issued
Adaptive multivariable MPC controller	United States	MAE-CRC-06-US	08/26/2005	11/4/2008	7,447,554	US Issued
Adaptive multivariable MPC controller with LP constraints	United States	MAE-CRC-07-US	10/13/2006	10/6/2009	7,599,751	US Issued
Method for removal of PID dynamics from MPC models	Spain	MAE-CRC-02-ES	01/09/2003	9/6/2006	1 463 979 B1	Foreign - issued
Method for removal of PID dynamics from MPC models	Canada	MAE-CRC-02-CA	07/06/2004	7/10/2012	2472338	Foreign - issued
Method for removal of PID dynamics from MPC models	Germany	MAE-CRC-02-DE	01/09/2003	9/6/2006	1 463 979 B1	Foreign - issued
Method for removal of PID dynamics from MPC models	Eur. Pat. Office	MAE-CRC-02-EP	01/09/2003	9/6/2006	1 463 979 B1	Foreign - issued
Method for removal of PID dynamics from MPC models	France	MAE-CRC-02-FR	01/09/2003	9/6/2006	1 463 979 B1	Foreign - issued
Method for removal of PID dynamics from MPC models	India	MAE-CRC-02-IN	06/09/2004	1/9/2003	249468	Foreign - issued
Method for removal of PID dynamics from MPC models	Italy	MAE-CRC-02-IT	01/09/2003	9/6/2006	1 463 979 B1	Foreign - issued
Method for removal of PID dynamics from MPC models	Korea	MAE-CRC-02-KO	06/30/2004	8/13/2010	10-0977123	Foreign - issued
Method for removal of PID dynamics from MPC models	Mexico	MAE-CRC-02-MX	07/09/2004	9/7/2004	246809	Foreign - issued
Method for removal of PID dynamics from MPC models	Great Britain	MAE-CRC-02-UK	01/09/2003	9/6/2006	1 463 979 B1	Foreign - issued
Online dynamic advisor from MPC models	Belgium	MAE-CRC-04-BE	12/07/2007	12/19/2012	1 891 489	Foreign - issued
Online dynamic advisor from MPC models	Canada	MAE-CRC-04-CA	12/14/2007	2/7/2017	2,612,330	Foreign - issued

Patent	Country	Docket No.	Filing Date	Issued	Patent No	Type
Online dynamic advisor from MPC models	China	MAE-CRC-04-CN	06/15/2006	4/20/2011	ZL 200680021440.9	Foreign - issued
Online dynamic advisor from MPC models	Germany	MAE-CRC-04-DE	12/07/2007	12/19/2012	1 891 489	Foreign - issued
Online dynamic advisor from MPC models	Eur. Pat. Office	MAE-CRC-04-EP	12/07/2007	12/19/2012	1 891 489	Foreign - issued
Online dynamic advisor from MPC models	Spain	MAE-CRC-04-ES	12/07/2007	12/19/2012	1 891 489	Foreign - issued
Online dynamic advisor from MPC models	France	MAE-CRC-04-FR	12/07/2007	12/19/2012	1 891 489	Foreign - issued
Online dynamic advisor from MPC models	India	MAE-CRC-04-IN	12/06/2007	12/6/2007	9433/DELNP/2007	Foreign - issued
Online dynamic advisor from MPC models	Italy	MAE-CRC-04-IT	12/07/2007	12/19/2012	1 891 489	Foreign - issued
Online dynamic advisor from MPC models	Mexico	MAE-CRC-04-MX	06/15/2006	12/14/2007	276166	Foreign - issued
Online dynamic advisor from MPC models	Great Britain	MAE-CRC-04-UK	12/07/2007	12/19/2012	1 891 489	Foreign - issued
Adaptive multivariable MPC controller	Belgium	MAE-CRC-06-BE	08/23/2006	10/19/2011	1917563	Foreign - issued
Adaptive Multivariable MPC controller	Canada	MAE-CRC-06-CA	08/23/2006	7/7/2015	2,620,315	Foreign - issued
Adaptive multivariable MPC controller	Germany	MAE-CRC-06-DE	08/23/2006	10/19/2011	1917563	Foreign - issued
Adaptive multivariable MPC controller	Eur. Pat. Office	MAE-CRC-06-EP	08/23/2006	10/19/2011	1917563	Foreign - issued
Adaptive multivariable MPC controller	Spain	MAE-CRC-06-ES	08/23/2006	10/19/2011	1917563	Foreign - issued
Adaptive multivariable MPC controller	France	MAE-CRC-06-FR	08/23/2006	10/19/2011	1917563	Foreign - issued
Adaptive multivariable MPC controller	Italy	MAE-CRC-06-IT	08/23/2006	10/19/2011	1917563	Foreign - issued
Adaptive multivariable MPC controller	Japan	MAE-CRC-06-JP	08/23/2006	8/22/2012	5005695	Foreign - issued
Adaptive multivariable MPC controller	Great Britain	MAE-CRC-06-UK	08/23/2006	10/19/2011	1917563	Foreign - issued
Adaptive multivariable MPC controller with LP constraints	Canada	MAE-CRC-07-CA	04/14/2009	4/12/2016	2,666,526	Foreign - issued

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