

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5648158

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AARON D. FURMAN	05/24/2019
KRISHNA S. BHIMAVARAPU	04/15/2019
DANIEL V. BROSNAN	04/15/2019
KEVIN M. PATMORE	03/19/2019
JEFFREY S. DUNFEE II	03/18/2019
MARTIN W. STRYKER	04/16/2019
RECEIVING PARTY DATA	
Name:	STRYKER CORPORATION
Street Address:	2825 AIRVIEW BOULEVARD
City:	KALAMAZOO
State/Country:	MICHIGAN
Postal Code:	49002
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16168212
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	IPDocket@h2law.com
Correspondent Name:	HOWARD & HOWARD ATTORNEYS PLLC
Address Line 1:	450 W. FOURTH STREET
Address Line 4:	ROYAL OAK, MICHIGAN 48067
ATTORNEY DOCKET NUMBER:	060252.00391
NAME OF SUBMITTER:	ALEXANDER S. MCGEE
SIGNATURE:	/Alexander S. McGee/
DATE SIGNED:	08/01/2019
Total Attachments: 6	
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COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No. 060252.00391
Title of the Invention ("Invention") Energy Harvesting And Propulsion Assistance Techniques For A Patient Support Apparatus
Legal Name of Inventor ("Inventor") Aaron D. Furman residing at 687 Winter Slope, Kalamazoo, MI 49009 USA
Name Residential Address
Assignee ("Assignee") Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2625 Airview Boulevard, Kalamazoo, MI 49002 USA (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

The attached Application

OR

United States Application Number or PCT International Application 16/168,212
filed on October 23, 2018 ("Application").

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Inventor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof, to communicate all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything as deemed necessary by Assignee, its successors, assigns or other legal representatives to secure the rights herein said, assigned, transferred and set over, the expenses incident to said undertakings to be borne and paid by Assignee, its successors, assigns or other legal representatives.

I hereby authorize Assignee or the attorneys of Assignee to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said Application when known, if not provided above.

WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."

INVENTOR

By: [Signature]

Printed: Aaron D. Furman

Date: 5-24-2019

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No. 060252.00391
Title of the Invention ("Invention") Energy Harvesting And Propulsion Assistance Techniques For A Patient Support Apparatus
Legal Name of Inventor ("Inventor") Krishna S. Bhimavarapu residing at 7068 Annandale Dr., Kalamazoo, MI 49009 USA.
Name Residential Address
Assignee ("Assignee") Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2825 Airview Boulevard, Kalamazoo, MI 49002 USA (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

The attached Application

OR

United States Application Number or PCT International Application 16/168,212
filed on October 23, 2018 ("Application").

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

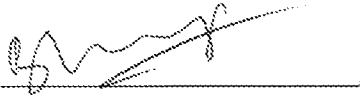
WHEREAS, inventor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof, to communicate all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything as deemed necessary by Assignee, its successors, assigns or other legal representatives to secure the rights herein sold, assigned, transferred and set over, the expenses incident to said undertakings to be borne and paid by Assignee, its successors, assigns or other legal representatives.

I hereby authorize Assignee or the attorneys of Assignee to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said Application when known, if not provided above.

WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."

INVENTOR

By: / 

Printed: Krishna S. Bhimavarapu

Date: 4/15/2019

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No. 060252.00391
Title of the Invention ("Invention") **Energy Harvesting And Propulsion Assistance Techniques For A Patient Support Apparatus**
Legal Name of Inventor ("Inventor") Daniel V. Brosnan residing at 2513 Law Ave., Kalamazoo, MI 49008 USA.
Name Residential Address
Assignee ("Assignee") Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2825 Airview Boulevard, Kalamazoo, MI 49002 USA. (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

The attached Application

OR

United States Application Number or PCT International Application 16/168,212
filed on October 23, 2018 ("Application").

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Inventor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof, to communicate all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything as deemed necessary by Assignee, its successors, assigns or other legal representatives to secure the rights herein sold, assigned, transferred and set over, the expenses incident to said undertakings to be borne and paid by Assignee, its successors, assigns or other legal representatives.

I hereby authorize Assignee or the attorneys of Assignee to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said Application when known, if not provided above.

WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."

INVENTOR

By: Daniel V Brosnan

Printed: Daniel V. Brosnan

Date: 15 APRIL 2019

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No. 060252.03381
Title of the Invention ("Invention") Energy Harvesting And Propulsion Assistance Techniques For A Patient Support Apparatus
Legal Name of Inventor ("Inventor") Kevin M. Patmore residing at 10925 N. 19th St., Plainwell, MI 49080 USA.
Name Residential Address
Assignee ("Assignee") Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2826 Airview Boulevard, Kalamazoo, MI 49002 USA. (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

The attached Application

OR

United States Application Number or PCT International Application 16/158,212
filed on October 23, 2018 ("Application").

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Inventor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all countries for the invention, including without limitation all applications and patents for the invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the invention and all assignments thereof, to communicate all facts known to the undersigned respecting the invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything as deemed necessary by Assignee, its successors, assigns or other legal representatives to secure the rights herein sold, assigned, transferred and set over, the expenses incident to said undertakings to be borne and paid by Assignee, its successors, assigns or other legal representatives.

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INVENTOR

By: 

Printed: Kevin M. Patmore

Date: 03/19/19

**COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING
AN APPLICATION DATA SHEET**

Attorney, Docket No. 060252.00391

Title of the Invention ("Invention") Energy Harvesting And Propulsion Assistance Techniques For A Patient Support Apparatus

Legal Name of Inventor ("Inventor") Jeffrey S. Dunfee, II residing at 906 Pioneer St., Kalamazoo, MI 49008 USA.
Name Residential Address

Assignee ("Assignee") Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2825 Airview Boulevard, Kalamazoo, MI 49002 USA. (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

DECLARATION

As named inventor, I hereby declare that:

(i) this declaration is directed to:

The attached Application

OR

United States Application Number or PCT International Application 16/168,212
filed on October 23, 2018 ("Application").

(ii) the above-identified Application is/was made or authorized to be made by me;

(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Inventor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof, to communicate all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything as deemed necessary by Assignee, its successors, assigns or other legal representatives to secure the rights herein sold, assigned, transferred and set over, the expenses incident to said undertakings to be borne and paid by Assignee, its successors, assigns or other legal representatives.

I hereby authorize Assignee or the attorneys of Assignee to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said Application when known, if not provided above.

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INVENTOR

By: Jeffrey S. Dunfee, II

Printed: Jeffrey S. Dunfee, II

Date: 3/18/2019

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No. 060252.00391
Title of the Invention ("Invention") **Energy Harvesting And Propulsion Assistance Techniques For A Patient Support Apparatus**
Legal Name of Inventor ("Inventor") Martin W. Stryker residing at 5665 Whitmore Dr., Kalamazoo, MI 49004 USA
Name Martin W. Stryker Residential Address
Assignee ("Assignee") Stryker Corporation, a corporation organized and existing under and by virtue of the laws of Michigan, and having an office and place of business at 2825 Airview Boulevard, Kalamazoo, MI 49002 USA, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

DECLARATION

As named inventor, I hereby declare that:

- (i) this declaration is directed to:
 The attached Application
OR
 United States Application Number or PCT International Application 16/168,212
filed on October 23, 2018 ("Application").
- (ii) the above-identified Application is/was made or authorized to be made by me;
(iii) I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and
(iv) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, Inventor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and confirming that I have assigned, transferred and set over to Assignee pursuant to my contractual obligation to Assignee, I, Inventor, hereby sell, assign, transfer and set over to Assignee, its successors, assigns or other legal representatives the entire right, title and interest, domestic and foreign, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute and reissue applications and patents applied for or granted therefor in any and all countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit to the Application, including any provisional application, and hereby authorize patent officials in any and all countries, entities and intergovernmental agencies to issue all patents on this Application and all improvements and patents resulting therefrom to Assignee, its successors, assigns or other legal representatives as assignee of the entire interest therein; and I hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof, to communicate all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything as deemed necessary by Assignee, its successors, assigns or other legal representatives to secure the rights herein sold, assigned, transferred and set over, the expenses incident to said undertakings to be borne and paid by Assignee, its successors, assigns or other legal representatives.

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INVENTOR
By: Martin W. Stryker
Printed: Martin W. Stryker
Date: 4/16/19