08/13/2019 505619988

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5666790

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ELLIOT W. HAWKES	02/13/2017
DAVID B. CAMARILLO	02/13/2017
SRINIVASAN ARUL SURESH	02/13/2017
MEHMET KURT	02/13/2017
MICHAEL G. FANTON	02/13/2017
MARK R. CUTKOSKY	02/13/2017

#### **RECEIVING PARTY DATA**

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
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City:	STANFORD
State/Country:	CALIFORNIA
Postal Code:	94305-2038

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16485727

#### CORRESPONDENCE DATA

Fax Number: (650)424-0141

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.

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**Correspondent Name: RON JACOBS** 

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Address Line 4: PALO ALTO, CALIFORNIA 94306

ATTORNEY DOCKET NUMBER:	S16-466/PCT/US
NAME OF SUBMITTER:	RON JACOBS
SIGNATURE:	/Ron Jacobs/
DATE SIGNED:	08/13/2019

**PATENT REEL: 050041 FRAME: 0772** 505619988

# Total Attachments: 6 source=S16-466-ASSGN#page1.tif source=S16-466-ASSGN#page2.tif source=S16-466-ASSGN#page3.tif source=S16-466-ASSGN#page4.tif source=S16-466-ASSGN#page5.tif

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PATENT REEL: 050041 FRAME: 0773

This Assignment of Invention and Patent (the "Assignment") is made and effective as of February 13, 2017, by and between Elliot W. Hawkes, an individual residing in Santa Barbara, CA, US, (the "Assignor") and The Board of Trustees of the Leland Stanford Junior University, an entity whose address is 3000 El Camino Real, Building Five, Third Floor, Palo Alto, CA 94306, USA (the "Assignee").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application 62/458314 filed 2/13/2017 entitled Constant Force Impact Protection Device (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
- 2) Assignor hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into by Assignor which would conflict with this Assignment. Assignor represents and warrants to Assignee that at the time of the execution and delivery of this Assignment, Assignor solely owns (or jointly owns, if the invention(s) were jointly made) the entire right, title and interest in and to said invention(s).
- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of February 13, 2017.

Assignor: Elliot W. Hawkes

Lumen Ref.: S16-466/PROV PID: 22476 IID: 5324

PATENT

REEL: 050041 FRAME: 0774

This Assignment of Invention and Patent (the "Assignment") is made and effective as of February 13, 2017, by and between David B. Camarillo, an individual residing in San Francisco, CA, US, (the "Assignor") and The Board of Trustees of the Leland Stanford Junior University, an entity whose address is 3000 El Camino Real, Building Five, Third Floor, Palo Alto, CA 94306, USA (the "Assignee").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application 62/458314 filed 2/13/2017 entitled Constant Force Impact Protection Device (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
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- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of February 13, 2017.

Signature:

Assignor: David B. Camarillo

Lumen Ref.: S16-466/PROV PID: 22476 IID: 5968

This Assignment of Invention and Patent (the "Assignment") is made and effective as of February 13, 2017, by and between Srinivasan Arul Suresh, an individual residing in Stanford, CA, US, (the "Assignor") and The Board of Trustees of the Leland Stanford Junior University, an entity whose address is 3000 El Camino Real, Building Five, Third Floor, Palo Alto, CA 94306, USA (the "Assignee").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application 62/458314 filed 2/13/2017 entitled Constant Force Impact Protection Device (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
- 2) Assignor hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into by Assignor which would conflict with this Assignment. Assignor represents and warrants to Assignee that at the time of the execution and delivery of this Assignment, Assignor solely owns (or jointly owns, if the invention(s) were jointly made) the entire right, title and interest in and to said invention(s).
- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of February 13, 2017.

Signature:

Assignor: Srinivasan Aful Suresh

Lumen Ref.: S16-466/PROV

PID: 22476 IID: 5514

This Assignment of Invention and Patent (the "Assignment") is made and effective as of **February 13, 2017**, by and between **Mehmet Kurt**, an individual residing in **Hoboken**, **NJ**, **US**, (the "Assignor") and **The Board of Trustees of the Leland Stanford Junior University**, an entity whose address is **3000 El Camino Real**, **Building Five**, **Third Floor**, **Palo Alto**, **CA 94306**, **USA** (the "Assignee").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application **62/458314** filed **2/13/2017** entitled **Constant Force Impact Protection Device** (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
- 2) Assignor hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into by Assignor which would conflict with this Assignment. Assignor represents and warrants to Assignee that at the time of the execution and delivery of this Assignment, Assignor solely owns (or jointly owns, if the invention(s) were jointly made) the entire right, title and interest in and to said invention(s).
- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of February 13, 2017.

Signature: Mehmet Kurt

Lumen Ref.: S16-466/PROV PID: 22476 IID: 6035

This Assignment of Invention and Patent (the "Assignment") is made and effective as of February 13, 2017, by and between Michael G. Fanton, an individual residing in Stanford, CA, US, (the "Assignor") and The Board of Trustees of the Leland Stanford Junior University, an entity whose address is 3000 El Camino Real, Building Five, Third Floor, Palo Alto, CA 94306, USA (the "Assignee").

- 1) For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application 62/458314 filed 2/13/2017 entitled Constant Force Impact Protection Device (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
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- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

Assignor has executed this Assignment as of the Effective Date of February 13, 2017.

Signature:

Assignor: Michael G. Fanton

Lumen Ref.: S16-466/PROV PID: 22476 IID: 6036

PATENT REEL: 050041 FRAME: 0778

This Assignment of Invention and Patent (the "Assignment") is made and effective as of February 13, 2017, by and between Mark R. Cutkosky, an individual residing in Palo Alto, CA, US, (the "Assignor") and The Board of Trustees of the Leland Stanford Junior University, an entity whose address is 3000 El Camino Real, Building Five, Third Floor, Palo Alto, CA 94306, USA (the "Assianee").

- For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee and the successors, assigns, and legal representatives of Assignee, all of its right, title and interest in and to (i) the invention or inventions described in US provisional patent application 62/458314 filed 2/13/2017 entitled Constant Force Impact Protection Device (the "Application") naming Assignor as an inventor, (ii) any and all patent applications (whether provisional or non-provisional) relating to said invention(s), including all continuations, continuations-in-part, divisions, substitutes, reissues or renewals thereof, in any and all countries, (iii) any and all patents relating to such invention(s) in any and all countries that may be granted on any such application(s), including all reissues or extensions of any such patents and (iv) any and all domestic and foreign rights of priority resulting from the filing of the Application.
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- 3) Assignor agrees that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorizes Assignee and grants Assignee the right to do so.
- 4) Assignor agrees, on request and without further consideration, but at the expense of Assignee, to sign all lawful papers, make all rightful oaths, and give any required testimony in any legal proceedings relating to said invention(s), and to generally aid Assignee, or its successors or assigns to obtain and enforce patent protection for said invention(s) in any and all countries.
- 5) Assignor authorizes and requests any official whose duty it is to issue patents to issue any patent on said invention(s) to Assignee, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.
- 6) This Assignment shall bind and inure to the benefit of the successors, assigns and personal representatives of the respective parties.

1 Keb. 2019

Assignor has executed this Assignment as of the Effective Date of February 13, 2017.

Signature:

Assignor: Mark R. Cutkosky

Lumen Ref.: S16-466/PROV PID: 22476 IID: 1987

PATENT **REEL: 050041 FRAME: 0779** 

RECORDED: 08/13/2019