

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6815476

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHIGERU TANAKA	03/30/2010
EDWARD LIOU	03/30/2010
JONATHAN CARVER	04/01/2010
JOSHUA DRUKER	03/30/2010
MARTIN LEUGERS	03/30/2010
KURIN TU	03/30/2010
PETER LOMBROZO	07/19/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SPECK PRODUCT DESIGN, INC.
<b>Street Address:</b>	3221 PORTER DRIVE
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94304
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16580183
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)340-8827
<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>	
<b>Phone:</b>	612-340-2600
<b>Email:</b>	docketing-dv@dorsey.com
<b>Correspondent Name:</b>	DORSEY & WHITNEY LLP
<b>Address Line 1:</b>	50 SOUTH SIXTH STREET, SUITE 1500
<b>Address Line 2:</b>	INTELLECTUAL PROPERTY PRACTICE GROUP
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402-1498
<b>ATTORNEY DOCKET NUMBER:</b>	P190868.US.27
<b>NAME OF SUBMITTER:</b>	EMMA HUTTON
<b>SIGNATURE:</b>	/Emma Hutton/
<b>DATE SIGNED:</b>	07/15/2021

PATENT

**Total Attachments: 13**

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source=P190868.US.27 - Assignment Inventors to Speck#page13.tif

**ASSIGNMENT**

WHEREAS, we Shigeru Tanaka, residing at 83 Valencia Street, Half Moon Bay, California, 94019, USA, Edward Liou, residing at 1902 Aberdeen Lane, Mountain View, California 94043, USA, Jonathan Carver, residing at 326 Yerba Buena Rd., B, San Francisco, California 94130-1518 USA, Joshua Druker, residing at 150 Camellia Avenue, Redwood City, California 94061 USA, Martin Leugers, residing at 2034 Ellis Street, San Francisco, California 94115 USA, Kurin Tu, residing at 2038 S. Delaware St., San Mateo, California 94403 USA and Peter Lombrozo, residing at 716 Coast Range Dr., Scotts Valley, California 95066 USA (hereinafter, individually and collectively, the "Assignor"), have invented certain new and useful systems, devices, and methods disclosed and described in a utility application for Letters Patent in the United States ("U.S."), entitled "Vertebral Joint Implants and Delivery Tools," which can be identified in the United States Patent and Trademark Office ("USPTO") by Application No. 12/653,283, filed on 10 December 2009, with attorney docket no. P190868.US.05 (the "Utility Application"), and international application(s), which can be identified as PCT Application No. PCT/US2009/006478, entitled "Vertebral Joint Implants and Delivery Tools," filed on 10 December 2009, with attorney docket no. P190868.WO.02 (the "Foreign Applications");

WHEREAS, Assignor desires to assign any and all right title and interest in and to said Utility Application and the Foreign Applications, and any provisional, non-provisional, continuation, continuation-in-part, divisional, international, foreign, regional and convention applications corresponding thereto, and any and all Letters Patent of the United States and countries and regions foreign thereto which may grant or have granted thereto or be lodged in relation thereto, any reissue or reexamination thereof or to be obtained therefor, any renewals, or substitutes thereof, and any and all priority rights or priority claims, International Convention rights, any and all rights to collect past damages for infringement of any and all Letters Patent of the United States and countries and regions foreign thereto which may be published, which may grant, or have granted thereto or be lodged in relation thereto, and other benefits accruing to or to accrue to Assignor with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto (the "Patent Rights"); and

WHEREAS, Speck Product Design, Inc., a corporation organized and existing under the laws of the State of California, and having its principal place of business at 3221 Porter Drive, Palo Alto, California 94304, USA (the "Assignee"), desires to acquire any and all right, title, and interest of Assignor in and to the invention(s), the Patent Rights, and in, to, and under any and all Letters Patent to be obtained therefor.

NOW THEREFORE, for the sum of \$1.00 and other good and valuable consideration to Assignor in hand paid, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transfer and by these presents does hereby sell, assign and transfer to the said Assignee, and said Assignee's legal representatives, successors and assigns, any and all of the entire right, title and interest in and to the invention(s), Patent Rights, and any and all Letters Patent to be obtained therefor;

UPON SAID CONSIDERATION, the Assignor hereby covenants and agrees with the said Assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, provisionals, non-provisionals, continuations,

continuations-in-part, continuing prosecutions, divisionals, renewals, reissues, reexamined or extended Letters Patent of the United States, or of any and all foreign countries, on said Patent Rights, and execute confirmatory assignments or acknowledgments of this assignment as necessary for full enjoyment of the Patent Rights and for recording in foreign patent offices, and in enforcing any rights or choses in action accruing as a result of such Patent Rights, by giving testimony in any proceedings or transactions involving such Patent Rights, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties;

UPON SAID CONSIDERATION, Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party; and

ASSIGNOR HEREBY AUTHORIZES said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing date of the Utility Application and Foreign Applications and otherwise take advantage of the provisions of any international conventions.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: 30 MAR 10

By: [Signature]  
Shigeru Tanaka

STATE OF CALIFORNIA )  
COUNTY OF San Mateo ) ss.

On this 30<sup>th</sup> day of March, 2010, before me a Notary Public in and for said county, personally appeared Shigeru Tanaka, who 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, and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.

I hereby attest under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)

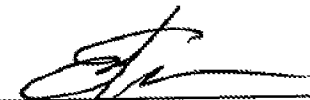
[Signature]  
Notary Public

My commission expires: July 27, 2013



IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon  
the date indicated below.

Date: 30 MARCH 2010

By:   
Edward Liou

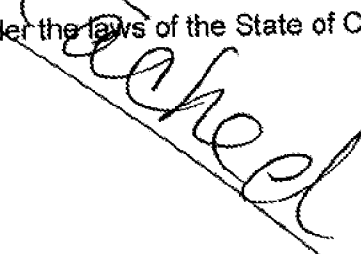
STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me a Notary Public in and for  
said county, personally appeared \_\_\_\_\_, who 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, and acknowledged that he signed, sealed and delivered the same  
instrument as a free and voluntary act for the purposes and considerations therein expressed.

I hereby attest under PENALTY OF PERJURY under the laws of the State of California  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)

  
Notary Public

My commission expires: \_\_\_\_\_

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon  
the date indicated below.

Date: 4/01/10

By: [Signature]  
Jonathan Carver

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this 1st day of April, 2010, before me a Notary Public in and for  
said county, personally appeared [Signature], who 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, and acknowledged that he signed, sealed and delivered the same  
instrument as a free and voluntary act for the purposes and considerations therein expressed.

I hereby attest under PENALTY OF PERJURY under the laws of the State of California  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


(SEAL)

[Signature]  
Notary Public

My commission expires: \_\_\_\_\_

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon  
the date indicated below.

Date: 3/30/10

By:   
Joshua Druker

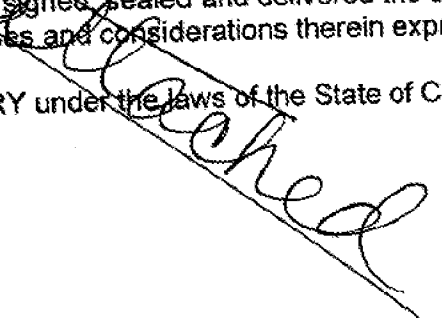
STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me a Notary Public in and for  
said county, personally appeared \_\_\_\_\_, who 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, and acknowledged that he signed, sealed and delivered the same  
instrument as a free and voluntary act for the purposes and considerations therein expressed.

I hereby attest under PENALTY OF PERJURY under the laws of the State of California  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)

  
Notary Public

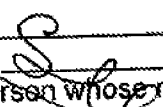
My commission expires: \_\_\_\_\_

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon  
the date indicated below.

Date: 3.30.10

By:   
Martin Leugers

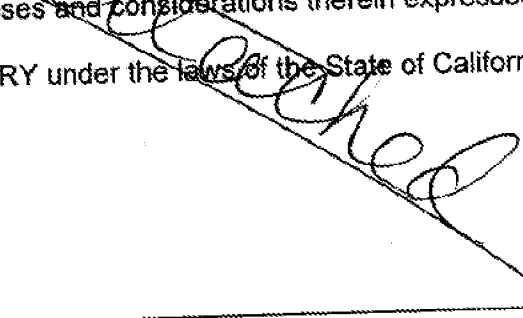
STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me a Notary Public in and for  
said county, personally appeared , who 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, and acknowledged that he signed, sealed and delivered the same  
instrument as a free and voluntary act for the purposes and considerations therein expressed.

I hereby attest under PENALTY OF PERJURY under the laws of the State of California  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(S E A L)

  
Notary Public

My commission expires: \_\_\_\_\_



IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon  
the date indicated below.

Date: 03.30.10

By: Kurin Tu

STATE OF CALIFORNIA )  
COUNTY OF \_\_\_\_\_ ) ss.

On this 30 day of See, 2010, before me a Notary Public in and for  
said county, personally appeared \_\_\_\_\_, who 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, and acknowledged that he signed, sealed and delivered the same  
instrument as a free and voluntary act for the purposes and considerations therein expressed.

I hereby attest under PENALTY OF PERJURY under the laws of the State of California  
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: 7/19/2010

By: Peter Lombrozo  
Peter Lombrozo

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me a Notary Public in and for said county, personally appeared \_\_\_\_\_, who 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, and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.

I hereby attest under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(S E A L)

Notary Public

My commission expires: \_\_\_\_\_

see attached

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

On 3/30/10 before me, Krys Kelley, Notary Public

personally appeared Shigeru Tanaka, Edward Liou, Joshua Druker, Martin Heugers and Kurin Tu

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Krys Kelley

Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
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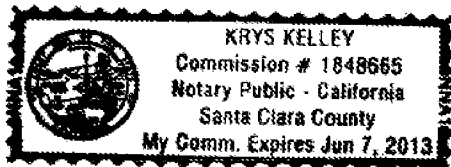
# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

On 4/1/10 before me, Krys Kelley, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Jonathan Carver  
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Krys Kelley  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer's Name: \_\_\_\_\_

- ☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

## ACKNOWLEDGMENT

State of California  
County of Santa Clara

On July 19, 2010 before me, Krys Kelley, Notary Public  
(insert name and title of the officer)

personally appeared Peter Lombrozo,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in  
his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

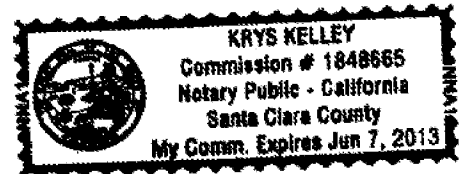
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Krys Kelley

(Seal)



PATENT

REEL: 056869 FRAME: 0023

**ACCEPTANCE OF ASSIGNMENT**

The Assignee hereby acknowledges and accepts the foregoing assignment of rights by Assignor.

IN TESTIMONY WHEREOF, the Assignee, by its undersigned officer, confirms its acceptance on the date and in the place set forth below.

SPECK PRODUCT DESIGN, INC.

Date: 7/19, 2010 By: *[Signature]*

Name: Peter Mills

Title: Vice President

STATE OF CALIFORNIA )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me a Notary Public in and for said county, personally appeared \_\_\_\_\_, the above-mentioned representative of the Assignee \_\_\_\_\_ who 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, and executed the foregoing Acceptance of Assignment, and represented and acknowledged that he had the requisite corporate authority to execute and accept this patent Assignment and the same was executed as a free act and deed.

I hereby attest under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(SEAL)

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

*see attached*

## ACKNOWLEDGMENT

State of California

County of Santa Clara

On July 19, 2010 before me, Krys Kelley, Notary Public  
(insert name and title of the officer)

personally appeared Peter Mills  
who proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~  
subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in  
his/~~her/their~~ authorized capacity~~(ies)~~, and that by his/~~her/their~~ signature~~(s)~~ on the instrument the  
person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Krys Kelley

(Seal)

