503797913 04/25/2016

PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| PETER F. LADWIG | 03/11/2016 |
| MARK A. MILLER | 03/10/2016 |
| MICHAEL W. DAVIS | 03/11/2016 |
| BRYAN J. SCHEELE | 03/14/2016 |
| DOUGLAS P. REIMER | 03/11/2016 |
| DONALD M. ANDERSON | 03/10/2016 |
| JOHN A. THEGET | 03/11/2016 |

RECEIVING PARTY DATA

| Name: | HUTCHINSON TECHNOLOGY INCORPORATED | |
|-----------------|------------------------------------|--|
| Street Address: | 40 WEST HIGHLAND PARK DRIVE N.E. | |
| City: | HUTCHINSON | |
| State/Country: | MINNESOTA | |
| Postal Code: | 55350-9784 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15063151 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 417310.000163 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | LINDSEY HAWTON |
| SIGNATURE: | /lindseyhawton/ |
| DATE SIGNED: | 04/25/2016 |

503797913 REEL: 038370 FRAME: 0677

Total Attachments: 5

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PATENT REEL: 038370 FRAME: 0678

Attorney Docket No.: 417310.000163 Page

Page 1 of 5

First Named Inventor: Peter F. Ladwig et al.

Title: SHAPE MEMORY ALLOY WIRE ATTACHMENT STRUCTURES FOR A SUSPENSION ASSEMBLY

WHEREAS, we, Peter F. Ladwig, residing at 16622 206th Circle, Hutchinson, MN 55350; Mark A. Miller, residing at 5 Ottawa Avenue S.E., Hutchinson, MN 55350; Michael W. Davis, residing at 4990 River Oaks Road, Rockford, MN 55373; Bryan J. Scheele, residing at 19369 Judson Circle, Hutchinson, MN 55350; Douglas P. Riemer, residing at 2040 Silver St., Waconia, MN 55387; Donald M. Anderson, residing at 1115 South Grade Court, Hutchinson, MN 55350; and John A. Theget, residing at 1200 Fairway Ave NW, Hutchinson, MN 55350, have invented certain new and useful improvements as described in an application entitled SHAPE MEMORY ALLOY WIRE ATTACHMENT STRUCTURES FOR A SUSPENSION ASSEMBLY, in which an application was made for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office by Application No. 15/063,151, filed March 7, 2016; and

WHEREAS, Hutchinson Technology Incorporated, a Corporation of the State of Minnesota, and having an address of 40 West Highland Park Drive N.E., Hutchinson, MN 55350-9784 United States of America ("Assignce"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

US.105162684.01

PATENT REEL: 038370 FRAME: 0679

Attorney Docket No.: 417310.000163

Page 2 of 5

First Named Inventor: Peter F. Ladwig et al.

Title:

SHAPE MEMORY ALLOY WIRE ATTACHMENT STRUCTURES FOR A SUSPENSION ASSEMBLY

Peter F. Ladwig

Date <u>3/11/16</u>

CERTIFICATE OF ACKNOWLEDGMENT

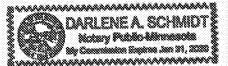
STATE OF MINNESOFA)

COUNTY OF Malend ;

Subscribed and sworn to before me, a Notary Public, this ________, 2016.

Notary Public

(SEAL)



The Tak

Mark A. Miller

Date 3-10-16

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Minnesota

COUNTY OF MC LEAD

Subscribed and sworn to before me, a Notary Public,

this 10 day of March 2016.

Notary Public

(SEAL)

DARLENE A. SCHMIDT
Notary Public Mariness As 11, 2000
1, Commission Septem 2013, 2000

REEL: 038370 FRAME: 0680

Attorney Docket No.: 417310.000163

Page 3 of 5

First Named Inventor: Peter F. Ladwig et al.

Title:

SHAPE MEMORY ALLOY WIRE ATTACHMENT STRUCTURES FOR A SUSPENSION ASSEMBLY

Date_3/11/14

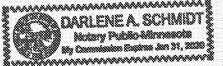
CERTIFICATE OF ACKNOWLEDGMENT

STATE OF MINNESOTA COUNTY OF MCLECT

Subscribed and sworn to before me, a Notary Public, this \(\frac{140}{2} \) day of \(\frac{\sqrt{avch}}{2} \), 2016.

Notary Public

(SEAL)



CERTIFICATE OF ACKNOWLEDGMENT

STATE OF MINNESOFOI COUNTY OF MCLECO

Subscribed and sworn to before me, a Notary Public, this ______day of ________, 2016.

Notary Publid

(SEAL)



Attorney Docket No.: 417310.000163

Page 4 of 5

First Named Inventor: Peter F. Ladwig et al.

Title:

SHAPE MEMORY ALLOY WIRE ATTACHMENT STRUCTURES FOR A SUSPENSION ASSEMBLY

Douglas F. Riemer

Date 3/1/20/0

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF <u>Minnesota</u> ; ss

Subscribed and sworn to before me, a Notary Public, this //+2 day of // // // , 2016.

Notary Public

(SEAL)

DARLENE A. SCHMIDT

Donald M. Anderson

Date 3-10-16

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF <u>Minnesoth</u>)
COUNTY OF <u>Mcleod</u>: SS

Subscribed and sworn to before me, a Notary Public, this 10 day of Novol, 2016.

Notary(Public

(SEAL)

CARLENE A. SCHMIDT

Attorney Docket No.: 417310.000163

Page 5 of 5

First Named Inventor: Peter F. Ladwig et al.

Title:

SHAPE MEMORY ALLOY WIRE ATTACHMENT STRUCTURES FOR A SUSPENSION ASSEMBLY

John A Theget

Date .

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF <u>Minnesola</u>

COUNTY OF MC Lead Ss.

Subscribed and sworp to before me, a Notary Public, this \(\frac{1142}{2} \) day of \(\frac{100000}{2016} \).

Notary Public

(SEAL)

OARLENE A. SCHMIDT

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RECORDED: 04/25/2016

PATENT

REEL: 038370 FRAME: 0683