

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5821191

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|---|------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| | |
| Name | Execution Date |
| STEPHEN TIMOTHY DOLL | 09/23/2019 |
| PETER S. LOVELY | 10/13/2019 |
| JAMES ALEXANDER PHILP | 10/02/2019 |
| JOHN R. PROVIDENZA | 09/24/2019 |
| TIMOTHY N. ROBERTS | 09/24/2019 |
| LEON J. STEVENS | 09/16/2019 |
| PHILIP J. STIMAC | 09/24/2019 |
| RECEIVING PARTY DATA | |
| Name: | ADELLOS, INC. |
| Street Address: | 145 SOUTHLAKE CREST |
| Internal Address: | SUITE 2 |
| City: | POLSON |
| State/Country: | MONTANA |
| Postal Code: | 59860 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16563578 |
| CORRESPONDENCE DATA | |
| Fax Number: | (952)465-0771 |
| <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> | |
| Phone: | 9524650770 |
| Email: | docketing@fogglaw.com |
| Correspondent Name: | FOGG & POWERS LLC |
| Address Line 1: | 4600 W 77TH STREET |
| Address Line 2: | SUITE 305 |
| Address Line 4: | MINNEAPOLIS, MINNESOTA 55435 |
| ATTORNEY DOCKET NUMBER: | 317.021US01 |
| NAME OF SUBMITTER: | DENISE A. SCHULLO |
| SIGNATURE: | / Denise A. Schullo / |

PATENT

DATE SIGNED:

11/14/2019

Total Attachments: 35

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ASSIGNMENT

WHEREAS, we Stephen Timothy Doll, residing at Big Arm, MT; Peter S. Lovely, residing at Portland, OR; James Alexander Philp, residing at Missoula, MT; John R. Providenza, residing at Tigard, OR; Timothy N. Roberts, residing at Tigard, OR; Leo J. Stevens, residing at Polson, MT; Philip J. Stimac, residing at Montpelier, VT, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on September 6, 2019 and assigned U.S. Serial No. 16/563,578, entitled OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY (the "Application").

AND WHEREAS, Adelos, Inc., a corporation organized and existing under and by virtue of the laws of the State of Montana, and having an office and place of business at 145 Southlake Crest, Suite 2, Polson, MT 59860, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY


ATTORNEY DOCKET: /317.021US01

PAGE 2 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of SEPTEMBER,
2019.



Stephen Timothy Doll



Signature of Witness #1

Christopher Parke

Printed Name of Witness # 1

SPARKE

Signature of Witness #2

SARAH PARKE

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20____.

Peter S. Lovely

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

Assignment

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PAGE 3 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

James Alexander Philp

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

John R. Providenza

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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PAGE 4 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Timothy N. Roberts

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Leo J. Stevens

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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PAGE 5 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Philip J. Stimac

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

ASSIGNMENT

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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PAGE 2 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____,
20____.

Stephen Timothy Doll

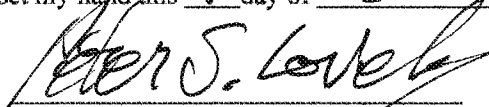
Signature of Witness #1

Printed Name of Witness # 1

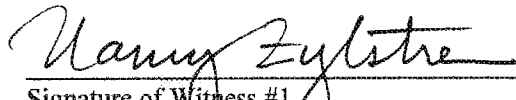
Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of October,
2019.



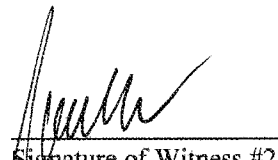
Peter S. Lovely



Signature of Witness #1

NANCY ZYLSTRA

Printed Name of Witness # 1



Signature of Witness #2

MARTIN S. MULLER

Printed Name of Witness # 2

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

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PAGE 3 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

James Alexander Philp

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

John R. Providenza

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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PAGE 4 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Timothy N. Roberts

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Leo J. Stevens

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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PAGE 5 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Philip J. Stimac

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

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PAGE 2 OF 5

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20____.

Stephen Timothy Doll

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20____.

Peter S. Lovely

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

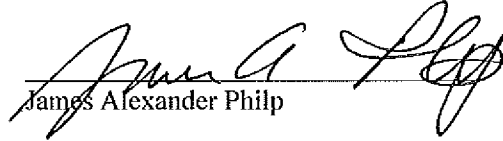
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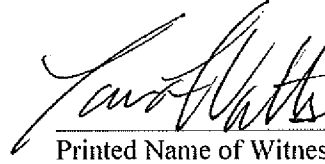
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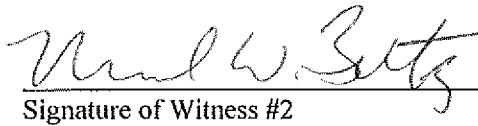
PAGE 3 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2 day of Oct.,
2019.


James Alexander Philp

Tara Watts
Signature of Witness #1


Printed Name of Witness # 1


Signature of Witness #2

MICHAEL W. BELTZ
Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20____.

John R. Providenza

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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PAGE 4 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20____.

Timothy N. Roberts

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
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Leo J. Stevens

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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PAGE 5 OF 5

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Philip J. Stimac

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Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

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20_____.

Stephen Timothy Doll

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Peter S. Lovely

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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PAGE 3 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 19 day of _____

James Alexander Philp

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 19 day of 24 day of Sep

John R. Providenza

John R. Providenza

Timothy N Roberts

Signature of Witness #1

Timothy N Roberts

Printed Name of Witness # 1

Amber Hansen

Signature of Witness #2

Amber Hansen

Printed Name of Witness # 2

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Timothy N. Roberts

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Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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Philip J. Stimac

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Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

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WHEREAS, we Stephen Timothy Doll, residing at Big Arm, MT; Peter S. Lovely, residing at Portland, OR; James Alexander Philp, residing at Missoula, MT; John R. Providenza, residing at Tigard, OR; Timothy N. Roberts, residing at Tigard, OR; Leo J. Stevens, residing at Polson, MT; Philip J. Stimac, residing at Montpelier, VT, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on September 6, 2019 and assigned U.S. Serial No. 16/563,578, entitled OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY (the "Application").

AND WHEREAS, Adelos, Inc., a corporation organized and existing under and by virtue of the laws of the State of Montana, and having an office and place of business at 145 Southlake Crest, Suite 2, Polson, MT 59860, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

PAGE 2 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Stephen Timothy Doll

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Peter S. Lovely

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

PAGE 3 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

James Alexander Philp

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

John R. Providenza

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

Assignment


Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

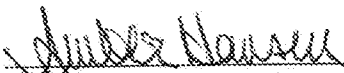
PAGE 4 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of September, 2019.


Timothy N. Roberts


Signature of Witness #1

John R. Provoznik
Printed Name of Witness # 1


Signature of Witness #2

Amber Hansen
Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 20____.

Leo J. Stevens

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

PAGE 5 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Philip J. Stimac

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

ASSIGNMENT

WHEREAS, we Stephen Timothy Doll, residing at Big Arm, MT; Peter S. Lovely, residing at Portland, OR; James Alexander Philp, residing at Missoula, MT; John R. Providenza, residing at Tigard, OR; Timothy N. Roberts, residing at Tigard, OR; Leo J. Stevens, residing at Polson, MT; Philip J. Stimac, residing at Montpelier, VT, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on September 6, 2019 and assigned U.S. Serial No. 16/563,578, entitled OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY (the "Application").

AND WHEREAS, Adelos, Inc., a corporation organized and existing under and by virtue of the laws of the State of Montana, and having an office and place of business at 145 Southlake Crest, Suite 2, Polson, MT 59860, United States, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

PAGE 2 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Stephen Timothy Doll

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Peter S. Lovely

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

PAGE 3 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

James Alexander Philp

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

John R. Providenza

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

PAGE 4 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 20 ____.

Timothy N. Roberts

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of Sept., 20 19.

Leo J. Stevens
Leo J. Stevens
Leon (Leo) J. Stevens

Michael E. Denney
Signature of Witness #1

Michael E. Denney
Printed Name of Witness # 1

Nathaniel Dale
Signature of Witness #2

Nathaniel Dale
Printed Name of Witness # 2

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

PAGE 5 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Philip J. Stimac

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

ASSIGNMENT

WHEREAS, we Stephen Timothy Doll, residing at Big Arm, MT; Peter S. Lovely, residing at Portland, OR; James Alexander Philp, residing at Missoula, MT; John R. Providenza, residing at Tigard, OR; Timothy N. Roberts, residing at Tigard, OR; Leo J. Stevens, residing at Polson, MT; Philip J. Stimac, residing at Montpelier, VT, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on September 6, 2019 and assigned U.S. Serial No. 16/563,578, entitled OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY (the "Application").

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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Assignment

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ATTORNEY DOCKET: /317.021US01

PAGE 2 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Stephen Timothy Doll

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Peter S. Lovely

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

Assignment

Title: OPTICAL MANDREL, OPTICAL-FIBER ASSEMBLY INCLUDING AN OPTICAL MANDREL, AND SYSTEM FOR DETECTING AN ACOUSTIC SIGNAL INCIDENT ON AN OPTICAL-FIBER ASSEMBLY

ATTORNEY DOCKET: /317.021US01

PAGE 3 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

James Alexander Philp

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

John R. Providenza

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

Assignment

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ATTORNEY DOCKET: /317.021US01

PAGE 4 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Timothy N. Roberts

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
20_____.

Leo J. Stevens

Signature of Witness #1

Printed Name of Witness # 1

Signature of Witness #2

Printed Name of Witness # 2

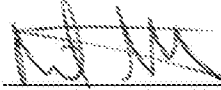
Assignment

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ATTORNEY DOCKET: /317.021US01

PAGE 5 OF 5

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of September, 2019.



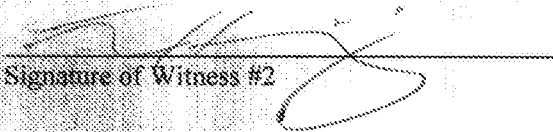
Philip J. Stimac



Signature of Witness #1

Alexander Allardi

Printed Name of Witness # 1



Signature of Witness #2

Thomas Wojcik

Printed Name of Witness # 2