

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7661557

|                                                                                                                                                                                                 |                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                     |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                         |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                    |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>              |
| THOMAS S. MURPHY                                                                                                                                                                                | 05/31/2018                         |
| JULIE K. GATTO                                                                                                                                                                                  | 05/31/2018                         |
| KHALED EL-TAHLAWY                                                                                                                                                                               | 05/30/2018                         |
| JAMES T. BOYLE                                                                                                                                                                                  | 06/06/2018                         |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                    |
| <b>Name:</b>                                                                                                                                                                                    | ANDOVER HEALTHCARE RESOURCES, INC. |
| <b>Street Address:</b>                                                                                                                                                                          | 920 MILLIKEN ROAD M-495            |
| <b>City:</b>                                                                                                                                                                                    | SPARTANBURG                        |
| <b>State/Country:</b>                                                                                                                                                                           | SOUTH CAROLINA                     |
| <b>Postal Code:</b>                                                                                                                                                                             | 29303                              |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                    |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                      |
| Application Number:                                                                                                                                                                             | 17899723                           |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                    |
| <b>Fax Number:</b>                                                                                                                                                                              |                                    |
| <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>Email:</b>                                                                                                                                                                                   | patents@milliken.com               |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ANDOVER HEALTHCARE, INC.           |
| <b>Address Line 1:</b>                                                                                                                                                                          | 920 MILLIKEN ROAD M-495            |
| <b>Address Line 4:</b>                                                                                                                                                                          | SPARTANBURG, SOUTH CAROLINA 29303  |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 7277C                              |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | ANN L. SPARTAS                     |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Ann L. Spartas/                   |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 11/23/2022                         |
| <b>Total Attachments: 8</b>                                                                                                                                                                     |                                    |
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ASSIGNMENT

Whereas, we, THOMAS S. MURPHY, KHALED EL-TAHLAWY, and JULIE K. GATTO, (each an Assignor and, collectively, "Assignors"), , having invented certain new and useful improvements in a:

**CASTING TAPE PACKAGE SYSTEM**

as described or intended to be described and set forth in an application for Letters Patent of the United States filed on, June 6, 2018 and assigned Application Serial No. 16/001,591, do hereby, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, sell, assign and transfer unto ANDOVER HEALTHCARE RESOURCES, INC., a New Hampshire corporation, having an address of:

130 International Drive  
Portsmouth, NH 03801

(hereinafter "ASSIGNEE") the full and exclusive right, title and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title and interest in and to any and all applications for Letters Patent, including any and all provisional applications (including without limitation United States Provisional Patent Application Serial No. 62/516,765 filed on, June 8, 2017), nonprovisional applications, divisional applications, continuation applications, and any reissues, reexaminations, substitutions, extensions, and any foreign equivalent or counterpart applications thereof, and any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.

We hereby agree to communicate to the said ASSIGNEE or its representatives any facts known to us respecting said invention and improvements, to testify in any legal proceeding relating thereto, sign all lawful papers, execute all provisional, nonprovisional, divisional, continuing and reissue applications, make all rightful oaths and in addition to execute any and all documents that may be required in order that the said ASSIGNEE may make application for Letters Patent on said invention in the United States and in all foreign countries in its own name.

We therefore authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted solely to the said ASSIGNEE for its sole use, and that of its successors and assigns.

The Attorney of Record herein is hereby authorized to insert the Serial Number and filing date above when received from the United States Patent and Trademark Office.

[Signature page follows.]

Whereas, each of the above-named ASSIGNORS has caused this Assignment to be executed effective as of the date indicated below:

Signed at Portsmouth, New Hampshire on this 31<sup>st</sup> day of May, 2018.  
(city, state)

Thomas S. Murphy  
THOMAS S. MURPHY

STATE OF New Hampshire )  
 ) : SS  
COUNTY OF Rockingham )

Personally appeared before me this day, the above named THOMAS S. MURPHY, to me personally known, or proved to me on the basis of satisfactory evidence, to be the person who executed the foregoing instrument, who acknowledged that he executed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this 31<sup>st</sup> day of May, 2018.

PAULA M. CERULLI, Notary Public  
My Commission Expires February 23, 2020

Paula M. Cerulli  
Notary Public

(Seal)

Signed at \_\_\_\_\_, on this \_\_\_\_\_ day of \_\_\_\_\_, 2018.  
(city, state)

KHALED EL-TAHLAWY

STATE OF \_\_\_\_\_ )  
 ) : SS  
COUNTY OF \_\_\_\_\_ )

Personally appeared before me this day, the above named KHALED EL-TAHLAWY, to me personally known, or proved to me on the basis of satisfactory evidence, to be the person who executed the foregoing instrument, who acknowledged that he executed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

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

(Seal)

Signed at Portsmouth, New Hampshire on this 31<sup>st</sup> day of May, 2018.  
(city, state)

  
JULIE K. GATTO

STATE OF New Hampshire )  
COUNTY OF Rochingham ) : SS

Personally appeared before me this day, the above named JULIE K. GATTO, to me personally known, or proved to me on the basis of satisfactory evidence, to be the person who executed the foregoing instrument, who acknowledged that he executed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this 31<sup>st</sup> day of May, 2018.

PAULA M. CERULLI, Notary Public Paula M. Cerulli  
My Commission Expires February 25, 2020 Notary Public  
(Seal)

111553\83473424

**ASSIGNMENT**

Whereas, we, THOMAS S. MURPHY, KHALED EL-TAHLAWY, and JULIE K. GATTO, (each an Assignor and, collectively, "Assignors"), , having invented certain new and useful improvements in a:

**CASTING TAPE PACKAGE SYSTEM**

as described or intended to be described and set forth in an application for Letters Patent of the United States filed on, June 6, 2018 and assigned Application Serial No. 16/001,591, do hereby, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, sell, assign and transfer unto ANDOVER HEALTHCARE RESOURCES, INC., a New Hampshire corporation, having an address of:

130 International Drive  
Portsmouth, NH 03801

(hereinafter "ASSIGNEE") the full and exclusive right, title and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title and interest in and to any and all applications for Letters Patent, including any and all provisional applications (including without limitation United States Provisional Patent Application Serial No. 62/516,765 filed on, June 8, 2017), nonprovisional applications, divisional applications, continuation applications, and any reissues, reexaminations, substitutions, extensions, and any foreign equivalent or counterpart applications thereof, and any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.

We hereby agree to communicate to the said ASSIGNEE or its representatives any facts known to us respecting said invention and improvements, to testify in any legal proceeding relating thereto, sign all lawful papers, execute all provisional, nonprovisional, divisional, continuing and reissue applications, make all rightful oaths and in addition to execute any and all documents that may be required in order that the said ASSIGNEE may make application for Letters Patent on said invention in the United States and in all foreign countries in its own name.

We therefore authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted solely to the said ASSIGNEE for its sole use, and that of its successors and assigns.

The Attorney of Record herein is hereby authorized to insert the Serial Number and filing date above when received from the United States Patent and Trademark Office.

[Signature page follows.]

Whereas, each of the above-named ASSIGNORS has caused this Assignment to be executed effective as of the date indicated below:

|                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signed at _____, on this _____ day of _____, 2018.<br><div style="text-align: center;">(city, state)</div>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| STATE OF _____ )<br>) : SS<br>COUNTY OF _____ )                                                                                    | THOMAS S. MURPHY<br><br>Personally appeared before me this day, the above named THOMAS S. MURPHY, to me personally known, or proved to me on the basis of satisfactory evidence, to be the person who executed the foregoing instrument, who acknowledged that he executed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.<br><br>In testimony whereof, I have hereunto set my hand and affixed my seal, this _____ day of _____, 2018.<br><br><div style="text-align: right;">                     _____<br/>                     Notary Public<br/> <br/>                     (Seal)                 </div> |
| Signed at <u>Hickory, NC</u> , on this <u>May</u> day of <u>30</u> , 2018.<br><div style="text-align: center;">(city, state)</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| STATE OF <u>North Carolina</u> )<br>) : SS<br>COUNTY OF <u>Catawba</u> )                                                           | <u>Khaled El-Tahlawy</u><br>KHALED EL-TAHLAWY<br><br>Personally appeared before me this day, the above named KHALED EL-TAHLAWY, to me personally known, or proved to me on the basis of satisfactory evidence, to be the person who executed the foregoing instrument, who acknowledged that he executed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.<br><br>In testimony whereof, I have hereunto set my hand and affixed my seal, this <u>30</u> day of <u>May</u> , 2018.<br><br><div style="text-align: right;"> <u>Tammy G Kirk</u><br/>                     Notary Public                 </div>     |

**Tammy G Kirk**  
**NOTARY PUBLIC**  
 Caldwell County, NC  
 My Commission Expires 10/21/18



**ASSIGNMENT**

Whereas, I, JAMES T. BOYLE ("ASSIGNOR"), jointly with THOMAS S. MURPHY, KHALED EL-TAHLAWY, JULIE K. GATTO, have invented certain new and useful improvements in a:

**CASTING TAPE PACKAGE SYSTEM**

as described or intended to be described and set forth in an application for Letters Patent of the United States filed on, June 6, 2018 and assigned Application Serial No. 16/001,591, do hereby, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, sell, assign and transfer unto ANDOVER HEALTHCARE RESOURCES, INC., a New Hampshire corporation, having an address of:

130 International Drive  
Portsmouth, NH 03801

(hereinafter "ASSIGNEE") the full and exclusive right, title and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title and interest in and to any and all applications for Letters Patent, including any and all provisional applications (including without limitation United States Provisional Patent Application Serial No. 62/516,765 filed on, June 8, 2017), nonprovisional applications, divisional applications, continuation applications, and any reissues, reexaminations, substitutions, extensions, and any foreign equivalent or counterpart applications thereof, and any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.

I hereby agree to communicate to the said ASSIGNEE or its representatives any facts known to me respecting said invention and improvements, to testify in any legal proceeding relating thereto, sign all lawful papers, execute all provisional, nonprovisional, divisional, continuing and reissue applications, make all rightful oaths and in addition to execute any and all documents that may be required in order that the said ASSIGNEE may make application for Letters Patent on said invention in the United States and in all foreign countries in its own name.

I therefore authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted solely to the said ASSIGNEE for its sole use, and that of its successors and assigns.

The Attorney of Record herein is hereby authorized to insert the Serial Number and filing date above when received from the United States Patent and Trademark Office.

[Signature page follows.]

Whereas, ASSIGNOR has caused this Assignment to be executed effective as of the date indicated below:

Signed at SALISBURY, MA on this 6 day of JUNE, 2018.  
(city, state)

JTB  
JAMES T. BOYLE

STATE OF MASSACHUSETTS )  
COUNTY OF ESSEX ) SS

Personally appeared before me this day, the above named JAMES T. BOYLE, to me personally known, or proved to me on the basis of satisfactory evidence, to be the person who executed the foregoing instrument, who acknowledged that he executed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and Mary E. Dean  
JUNE, 2018.

(Seal)

Mary E. Dean

MARY E. DEAN  
Notary Public  
COMMONWEALTH OF MASSACHUSETTS  
My Commission Expires  
March 8, 2021

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