504097877 11/16/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4144546

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
J&L FIBER SERVICES, INC.	10/31/2014

RECEIVING PARTY DATA

Name:	KADANT BLACK CLAWSON INC.	
Street Address:	7312 CENTRAL PARKE BLVD.	
City:	MASON	
State/Country:	ОНЮ	
Postal Code:	45040	

PROPERTY NUMBERS Total: 7

Property Type	Number
Patent Number:	6915910
Patent Number:	D456825
Patent Number:	D458618
Patent Number:	5954956
Patent Number:	6745469
Patent Number:	6491168
Patent Number:	6138838

CORRESPONDENCE DATA

Fax Number: (202)672-5399

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.

Phone: 414-271-2400

Email: ipdocketing@foley.com, ggray@foley.com

Correspondent Name: SCOTT D. ANDERSON

Address Line 1: 3000 K STREET NW, SUITE 600

Address Line 2: FOLEY & LARDNER LLP
Address Line 4: WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	044966-0102
NAME OF SUBMITTER:	SCOTT D. ANDERSON
SIGNATURE:	/Scott D. Anderson/
DATE SIGNED:	11/16/2016

504097877 REEL: 040337 FRAME: 0669

Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif

PATENT REEL: 040337 FRAME: 0670

PATENT ASSIGNMENT

WHEREAS, J&L Fiber Services, Inc. (hereinafter referred to as "Assignor") is the owner of the following patents and patent applications listed below, and the invention(s) set forth therein (hereinafter referred to as "the Patent Portfolio"), as shown by the records of the United States Patent and Trademark Office:

Country / Region	Patent No.	Patent Issue Date	Application No.	Application Filing Date
U.S.A.	6,915,910	07-12-2005	10/124,563	10-17-2002
Canada	2444486	04-02-2013	2244486	04-16-2002
Canada	2802168	10-24-2002	2802168	04-16-2002
U.S.A.	D456,825	05-07-2002	29/143,731	06-19-2001
U.S.A.	D458,618	06-11-2002	29/143,732	06-19-2001

WHEREAS, Kadant Black Clawson Inc. (hereinafter referred to as "Assignee") is desirous of acquiring the entire right, title and interest in and to the Patent Portfolio;

WHEREAS, Assignor and Assignee have entered into a certain Asset Purchase Agreement dated as of June 19, 2014 (the "Agreement") pursuant to which Assignee has acquired all right, title and interest in and to certain Intellectual Property rights, including the Assignor's Patent Portfolio;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor by these presents confirms that Assignor has sold, assigned, transferred and conveyed unto Assignee, its successors, assigns and legal representatives, and hereby sells, assigns, transfers, and conveys to Assignee its entire, right, title and interest in and throughout the United States (including its territories and dependencies) and all countries foreign thereto:

- (a) in and to the inventions disclosed in the Patent Portfolio;
- (b) in and to the Patent Portfolio and any and all related United States and foreign patent applications disclosing said inventions, including provisionals, nonprovisionals, divisions, continuations, continuations-in-part, and continued prosecution applications and any other related United States and foreign patent applications thereof, along with all rights of priority created by said patent applications under the Paris Convention, and any other treaty relating thereto;
- (c) in and to all United States and foreign patents which may be granted on any and all of said patents and applications, including extensions, reissues and reexamination certificates thereof; and
- (d) in and to all rights to sue for and damages resulting from past, present and future infringement of all United States and foreign patents granted or to be granted on said applications and inventions disclosed therein, and related patents and patent applications including extensions, reissues, and reexamination certificates thereof:

said inventions, patents and patent applications, and rights to damages to be held and enjoyed by the above-named Assignee, for Assignee's own use and benefit, and for Assignee's legal representatives and assigns to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held by the undersigned Assignor had this assignment and sale not been made.

Upon request of Assignee, and without further remuneration, Assignor further agrees to execute any and all documents and to do all other things reasonably requested by Assignee in order to vest more fully in Assignee any and all ownership rights in the Patent Portfolio.

IN WITNESS WHEREOF, a duly authorized officer of Assignor and Assignee has executed this agreement on the date listed below. ASSIGNOR: J&L Fiber Services, Inc. Ku<u>sh A. Bez</u>i Name: Ruth A. Beyer Title: Senior Vice President and General Counsel Date: October 31, 2014 **ACKNOWLEDGMENT** STATE OF OREGON COUNTY OF MULTNOMAH) On this 31st day of October, 2014, before me, a Notary Public, personally appeared Ruth A. Beyer to me known to be the person described in and who executed the foregoing assignment and acknowledged that he/she executed same as his/her free act and deed. IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written. My Commission Expires: OFFICIAL SEAL **DEBORAH L BROWNING** NOTARY PUBLIC-OREGON 1-9-2017 COMMISSION NO. 474312

MY COMMISSION EXPIRES JANUARY 09, 2017

ASSIGNEE:	
Kadant Black Clawson Inc.	
By:	
Name: Porar J. Fly	<u>NN</u>
Title: President	
Date: October 30, Z	<u>ory</u>
	ACKNOWLEDGMENT
STATE OF ONIO)
STATE OF <u>Ond</u> COUNTY OF <u>Warcen</u>	<u>)</u>
On this 304 day of C	ا بران المحادث) بران المحادث المحا
foregoing assignment and acknowledge	owledged that he/she executed same as his/her free act and deed.
IN TESTIMONY WHE above written.	REOF, I have hereunto set my hand and seal the date and year last
My Commission Expires:	Notary Public Rachel M Snelling Notary Public, State of Ohio
Series and series and the series and	My Commission Expires 5-18-20\8

5-18-2018

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Country / Region	Patent No.	Patent Issue Date	Application No.	Application Filing Date
U.S.A.	5,954,956	09-21-1999	08/897,541	07-22-1997
Europe			980401832	07-20-1998
Canada	2240101	09-16-2003	2240101	07-03-1998
U.S.A.			10/935,036	09-07-2004
PCT			PCT/US02/12111	04-16-2002
U.S.A.	6,745,469	06-08-2004	09/703,434	10-30-2000
PCT			PCT/US99/11907	06-01-1999
Norway			2000-6003	11-27-2000
Canada			2333570	05-28-1999
U.S.A.	6,491,168	12-10-2002	09/559,017	04-23-2000
PCT			PCT/US01/12461	04-18-2001
Norway			2003-000364	01-23-2003
Europe			010930548	04-18-2001
Canada			2414011	04-18-2001
U.S.A.	6,138,838	10-31-2000	09/086,902	05-29-1998
Norway			2000-06003	11-27-2000
Europe			990928353	05-28-1999
Canada			2333570	05-28-1999

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WHEREAS, Assignor and Assignee have entered into a certain Asset Purchase Agreement dated as of June 19, 2014 (the "Agreement") pursuant to which Assignee has acquired all right, title and interest in and to certain Intellectual Property rights, including the Assignor's Patent Portfolio;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor by these presents confirms that Assignor has sold, assigned, transferred and conveyed unto Assignee, its successors, assigns and legal representatives, and hereby sells, assigns, transfers, and conveys to Assignee its entire, right, title and interest in and throughout the United States (including its territories and dependencies) and all countries foreign thereto:

- (a) in and to the inventions disclosed in the Patent Portfolio;
- (b) in and to the Patent Portfolio and any and all related United States and foreign patent applications disclosing said inventions, including provisionals, nonprovisionals, divisions, continuations, continuations-in-part, and continued prosecution applications and any other related United States and foreign patent applications thereof, along with all rights of priority created by said patent applications under the Paris Convention, and any other treaty relating thereto;
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- (d) in and to all rights to sue for and damages resulting from past, present and future infringement of all United States and foreign patents granted or to be granted on said applications and inventions disclosed therein, and related patents and patent applications including extensions, reissues, and reexamination certificates thereof:

said inventions, patents and patent applications, and rights to damages to be held and enjoyed by the above-named Assignee, for Assignee's own use and benefit, and for Assignee's legal representatives and assigns to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held by the undersigned Assignor had this assignment and sale not been made.

Upon request of Assignee, and without further remuneration, Assignor further agrees to execute any and all documents and to do all other things reasonably requested by Assignee in order to vest more fully in Assignee any and all ownership rights in the Patent Portfolio.

agreement on the date listed below. ASSIGNOR: J&L Fiber Services, Inc. Name: Ruth A. Beyer Title: Senior Vice President and General Counsel Date: October 31, 2014 ACKNOWLEDGMENT STATE OF OREGON COUNTY OF MULTNOMAH) On this 31st day of October, 2014, before me, a Notary Public, personally appeared Ruth A. Beyer to me known to be the person described in and who executed the foregoing assignment and acknowledged that he/she executed same as his/her free act and deed. IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written. My Commission Expires: OFFICIAL SEAL **DEBORAH L BROWNING** NOTARY PUBLIC-OREGON COMMISSION NO. 474312 MY COMMISSION EXPIRES JANUARY 09, 2017

IN WITNESS WHEREOF, a duly authorized officer of Assignor and Assignee has executed this

ASSIGNEE:
By Name Peter J. Flynn Title: President
Date: October 31, ZOIY
ACKNOWLEDGMENT
COUNTY OF Waren
On this 31 day of 0000, 2014, before me, a Notary Public, personally appeared to me known to be the person described in and who executed the foregoing assignment and acknowledged that he/she executed same as his/her free act and deed.
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.
Notary Public M Snelling Notary Public, State of Ohio My Commission Expires: My Commission Expires 5-18-2018
5-19-709