

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5491139

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DALE L. VANTREASE	04/24/2019
RECEIVING PARTY DATA		
Name:	IRWIN RESEARCH AND DEVELOPMENT, INC.	
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State/Country:	WASHINGTON	
Postal Code:	98902	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16393757
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SIGNATURE:	/Cheryl A. Thompson/	
DATE SIGNED:	04/24/2019	
Total Attachments: 4		
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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTOR:

Dale L. Vantrease
P.O. Box 448
Naches, WA 98937
United States

ASSIGNEE:

Irwin Research and Development, Inc.
P.O. Box 10668
2601 West J Street
Yakima, WA 98902
United States

BACKGROUND OF THIS ASSIGNMENT:

Inventor has conceived certain new and useful inventions disclosed in a United States patent application titled Thermoforming Machine and Method.

Irwin Research and Development, Inc. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent(s) that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTOR has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and patent application(s) and to any reissues, renewals, divisions or continuations of the application(s) thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent(s) to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTOR further agrees to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any patent application papers (domestic or foreign) required for the filing of any divisional, continuation, renewal or reissue of the patent application(s) or resulting Letters Patent(s); and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTOR further assigns to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application(s) throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International

Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTOR agrees to execute application(s) relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent(s) to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent(s). INVENTOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

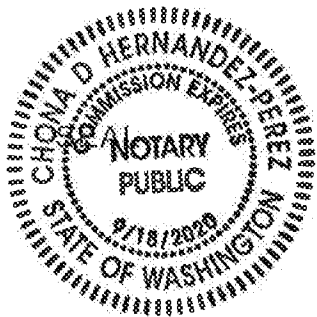
To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: 4/24/19

Signature: Dale L. Vantrease
Dale L. Vantrease

State of Washington)
County of Yakima) ss.

On this 24 day of April, 2019,
before me, Chon Hernandez-Perez (name and title of
Notary Official), personally appeared Dale L. Vantrease, known or identified
to me (or proved to me on the basis of satisfactory evidence) to be the
person whose name is subscribed within the Assignment, and acknowledged
to me that he/she executed the Assignment in his/her authorized capacity,
and that by his/her signature on the Assignment, the person executed the
Assignment.



[Signature]
My Commission Expires: 9/18/20