

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIM BAST	08/26/2020
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16980953
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<b>DATE SIGNED:</b>	09/15/2020
<b>Total Attachments: 3</b>	
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source=PAT05100US_SignedCombinedDeclarationandAssignment#page2.tif	
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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76) and ASSIGNMENT**

**Declaration**

As one of the below-named inventor(s), I hereby declare that this Declaration is directed to an application for United States Letters Patent entitled:

**METHOD AND SYSTEM FOR TRACKING FOOD SAFETY DATA USING HASH TREES**

filed herewith (hereafter the "above-identified application"), and as also disclosed and claimed in the related applications identified below:

<b>Application Number</b>	<b>Country</b>	<b>Filing Date</b>
PCT/EP2019/055328	PCT	March 4, 2019
18162270.5	Europe	March 16, 2018

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to the person to be material to patentability as defined in § 1.56."

**Assignment**

WHEREAS, the below-named inventor(s) (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental designs, or discoveries, and hereby assign or are under an obligation to assign to the below-identified ASSIGNEE the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States is attached or is identified above (hereinafter the "Application").

AND WHEREAS, **Tetra Laval Holdings & Finance S.A.**, with its principal place of business at **Avenue Général-Guisan 70 CH-1009 Pully, Switzerland** (hereinafter the "ASSIGNEE") desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all Patent Properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). \_\_\_\_\_, filed \_\_\_\_\_ (respectively if plural applications));

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

ASSIGNOR hereby acknowledges ASSIGNEE as the Applicant for the Application and all aforementioned Patent Properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives and assigns, all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

If ASSIGNOR for any reason cannot be located or is unable or unwilling to sign documents as required hereunder, or ASSIGNOR is prevented from personally signing the above mentioned documents, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this instrument, and this instrument shall be valid as a Power of Attorney for the ASSIGNEE to sign said documents on behalf of the undersigned or, in the event of death, the estate of the deceased.


ASSIGNOR hereby grants Assignees and any appointed U.S. patent attorneys and agents the power to insert on this assignment any further information which may be necessary or desirable in order to comply with the rules of the U.S. Patent Office for recordation of this document.

ASSIGNOR hereby agrees that the above obligations shall apply to the undersigned both individually and collectively.

ASSIGNOR hereby agrees that this Assignment shall be construed in accordance with the law of the appropriate jurisdiction within the United States.

ASSIGNOR hereby authorizes any appointed U.S. attorney or agent to accept and follow instructions from either his foreign patent agent or corporate representative, if any, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

1. FULL NAME OF FIRST ASSIGNOR / INVENTOR	SIGNATURE	DATE
Tim BAST		2020-08-26

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.