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Substitute for Form PTO-1595 12 - 30 - 2005	OVER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
• •	LYAP9 Rec'd PCT/PTO 19 DEC 2005			
	Attorney's Docket No. 027651-286			
To the Director of the United States Patent and Haustian 2	a record the attached original documents or copy thereof.			
1. Name of conveying party(ies):	Name and address of receiving party(ies): Name: Tetra Laval Holdings & Finance S.A.			
1. Lars Ake NASLUND 2. Tommy NILSSON 3. Luca POPPI				
Additional name(s) of conveying party(ies) attached? Yes No	Address:			
 3. Nature of conveyance: 	Avenue General-Guisan 70 CH-1009 Pully Switzerland			
Execution Date: 1. September 21, 2005, 2. September 21, 2005 and 3. September 28, 2005				
	Additional name(s) & addresses attached? Yes No			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 1. September 21, 2005, 2. September 21, 2005 and 3. September 28, 2005				
A. Patent Application No.(s)	B. Patent No.(s)			
Additional numbers attached? 5. Name and address of party to whom correspondence concerning document should be mailed:	? ☐ Yes ☑ No 6. Total number of applications and patents involved: 1			
Name: Matthew L. Schneider	7. 7.446 (67.050.044)			
Address:	7. Total fee (37 CFR 3.41)\$ \$40.00 (8021)			
Buchanan Ingersoll PC	Authorized to be charged to deposit account			
Including attorneys from Burns, Doane, Swecker & Mathis Customer Number 2 1 8 3 9	Credit card. Form PTO-2038 is attached.			
P.O. Box 1404 Alexandria, VA 22313-1404	8. Deposit account number:			
	02-4800 (Attach duplicate copy of this page if paying by deposit account.)			
9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Matthew L. Schneider 32,814	both Line December 19, 2005			
Name of Person Signing Reg. No.	Signature Date			
Total number of pages including cover sheet, attachments, and documents:				
Mail documents to be recorded with required cover sheet information to: Director of the United-States Patent and Trademark Office / Mail Stop Assignment Recordation Services				
P.O. Box 1450 / Alexandria, VA 22313-1450 1272872005 ATRANI 00000007 103511233				
# 50:8081 40:00 DF				

PATENT

REEL: 017403 FRAME: 0022

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by Lars Åke Näslund, Tommy Nilsson and Luca Poppi residing at Skattevägen 12, SE-244 65 FURULUND, Sommargatan 5, SE-233 35 SVEDALA and Via Piemonte 1, IT-41043 Formigine, (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in <u>Device for and method of fastening an emitter</u> set forth in an application for Letters Patent of the United States, which is a

(1)	which is a provisional application (a) bearing Application No, and filed on; (b) to be filed herewith; or
(2)	which is a non-provisional application (a) bearing Application No, and filed on; (b) having an oath or declaration executed on even date herewith prior to filing of application;
	(c) having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, <u>Tetra Laval Holdings & Finance S.A.</u>, a corporation duly organized under and pursuant to the laws of <u>Switzerland</u> and having a principal place of business at <u>Pully, Switzerland</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives,

and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are

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unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P., of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

Date	05-09-21
Signature of Assignor	Lars Åke Näslund
Date	05-04-21
Signature of Assignor	Tommy Nilsson
Date	28/09/2005
Signature of Assignor	Luca Poppi
Date	
Signature of Assignor	

Attorney Docket No.

Date	
Signature of Assignor	
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PATENT REEL: 017403 FRAME: 0025