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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DICK DE HAAS	07/03/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15849132

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NAME OF SUBMITTER:	IRENE CHRISTINE	
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DATE SIGNED:	03/05/2018	

Total Attachments: 1

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PATENT 504803740 REEL: 045104 FRAME: 0849

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignment and Agreement

For value received, I/We, **Dick de Haas**, of Hoofddorp, NL, hereby sell, assign and transfer to **Opticon Sensors Europe B.V.**, having an office at European Headquarters, Opaallaan 35, Hoofddorp, 2132 XV, NL, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to all of the inventions disclosed and claimed in United States Patent Application Serial No. **62/439692**, filed on **December 28, 2016**, entitled **Electronic shelf label system**, and all the rights and privileges in said applications and under any and all Letters Patent that may be granted in the United States for said inventions. I/We also concurrently hereby sell, assign and transfer to Opticon Sensors Europe B.V. the entire right, title and interest in and to any and all divisional, continuation, continuation-in-part, substitute, reissue, and/or reexamination applications claiming the benefit of said application and any and all Letters Patent that may issue therefrom.

I/We also concurrently hereby sell, assign and transfer to Opticon Sensors Europe B.V. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the patent applications aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I/We authorize Opticon Sensors Europe B.V. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me/us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I/We hereby consent 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 in proof of the right of Opticon Sensors Europe B.V. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I/We request that any and all patents for said inventions be issued to Opticon Sensors Europe B.V. in the United States and in all countries foreign to the United States, or to such nominees as Opticon Sensors Europe B.V. may designate.

I agree that, when requested, I shall, without charge to Opticon Sensors Europe B.V. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Dick de Haas and Date

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