

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4408516

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Richard C. Gerdes	07/29/2015
RECEIVING PARTY DATA	
Name:	TM IP HOLDINGS, LLC
Street Address:	6969 E. SUNRISE DRIVE, SUITE 100
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85750
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15481571
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	39785-0005005
NAME OF SUBMITTER:	VERONICA JUAREZ
SIGNATURE:	/Veronica Juarez/
DATE SIGNED:	05/11/2017
Total Attachments: 3	
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ASSIGNMENT

For valuable consideration, the receipt of which I acknowledge, and intending to be bound legally, I, RICHARD C. GERDES, assign to TM IP HOLDINGS, LLC, a limited liability company formed under the laws of Arizona and having a principal place of business at 6969 E. Sunrise Drive, Suite 100, Tucson, AZ 85750, and its successors, transferees, and assignees (collectively the "Assignee"), all of my right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names me as inventor, is titled "EXTRACTING CARRIER SIGNALS FROM MODULATED SIGNALS", and was filed in the United States Patent and Trademark Office on July 24, 2015, as application 14/808,903 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

I authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Richard C. Gerdes DATE: 2015-07-29
Richard C. Gerdes

State of Arizona)
County of Pima)

On this 29 day of July, 2015, before me personally appeared
Richard C. Gerdes, whose identity was proven to me on the basis of
satisfactory evidence to be the person who he or she claims to be, and acknowledged that he or
she signed the above/attached document.



Tamara Willey
Notary Public

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: TM IP HOLDINGS, LLC

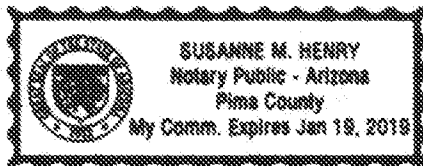
Signature: [Signature] Date: 2015-07-29

Name: Daniel L. Hodges

Title: CEO

State of Arizona)
County of Pima)

On this 29 day of July, 2015, before me personally appeared Daniel L. Hodges, whose identity was proven to me on the basis of satisfactory evidence to be the person who he or she claims to be, and acknowledged that he or she signed the above/attached document.



[Signature]
Notary Public

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