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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
TONY GUSTAFSSON	08/16/2019
JOAKIM SÖRSTEDT	08/19/2019
ERIK STENBORG	08/15/2019
MATS KVARNSTRÖM	08/15/2019
ROZA MAGHSOOD	08/16/2019
ANDREAS LÖFMAN	08/16/2019
LINLIN GUO	08/26/2019

RECEIVING PARTY DATA

Name:	ZENUITY AB	
Street Address:	LINDHOLMSPIREN 3 B	
City:	GÖTEBORG	
State/Country:	SWEDEN	
Postal Code:	417 56	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16556508

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SIGNATURE:	/Karen C. Kline/
DATE SIGNED:	08/30/2019

PATENT PATENT REEL: 050220 FRAME: 0788

Total Attachments: 3

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PATENT REEL: 050220 FRAME: 0789

ASSIGNMENT

WHEREAS, we, Tony Gustafsson, Joakim Sörstedt, Erik Stenborg, Mats Kvarnström, Roza Maghsood, Andreas Löfman, and Linlin Guo, have invented certain new and useful improvements in and to the invention entitled:

METHOD AND ARRANGEMENT FOR SOURCING OF LOCATION INFORMATION, GENERATING AND UPDATING MAPS REPRESENTING THE LOCATION

described in an application for Lette	ers Patent filed	on		and acco	orded U.S. Pa	itent
Application No	which claims	priority to	European	Patent	Application	No.
EP18192330.1, filed on September	3, 2018 (herein	nafter collec	tively the '	'Inventi	on").	

AND, WHEREAS, ZENUITY AB, a Swedish company, whose address is Lindholmspiren 3 B, 417 56 Göteborg, Sweden (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights in the Invention including all patents and patent applications thereto;

NOW, THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said Invention including said United States patent application(s), any other United States patent application(s), including provisional, divisional, renewal, substitute, continuation, continuation-in-part, reexamination and reissue applications, and extensions thereof based in whole or in part on said United States patent application or in whole or in part on said Invention, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said Invention, in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said Invention or any part(s) thereof, and in and to any right to claim priority to any of the aforesaid patents and/or patent applications;

AND we hereby authorize and request, Duane Morris LLP, whose address is 1875 NW Corporate Blvd., Suite 300, Boca Raton, Florida 33431 to insert hereon any identification

necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND we hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said Invention or any part(s) thereof, and in and to said several patents or any of them;

AND we hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said Invention, to anyone except said ASSIGNEE, that prior to the execution of this deed, my right, title and interest in said Invention had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND we do hereby authorize and request the United States Commissioner for Patents to issue any and all letters patent which may be granted upon said United States applications, or upon said Invention or any part(s) thereof when granted, to said ASSIGNEE;

IN WITNESS WHEREOF, we have hereunto set our hand and seal.

FOR ASSIGNOR: The Named Inventors

Date	16 aug 2019	Inventor	Tony Gustalsson (16 aug 2019)	
			Tony Gustafsson	
Date _	19 aug 2019	Inventor	Joskim Stated (19 aug 2019) Joakim Sörstedt,	
Date_	15 aug 2019	Inventor	Erik Stenborg Erik Stenborg	

Date	15 aug 2019	Inventor	Mats Kvarnström Mats Kvarnström
Date	16 aug 2019	Inventor	Roza Maghsood Roza Maghsood, Roza Maghsood,
Date	16 aug 2019	Inventor	Andreas Löfman Andreas Löfman Andreas Löfman
Date	26 aug 2019	Inventor	Linlin Guo 南部林村 Linlin Guo