505263115 01/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5309887

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GOOGLE LLC	08/24/2018

RECEIVING PARTY DATA

Name:	MALTA INC.	
Street Address:	GREENTOWN LABS	
Internal Address:	444 SOMERVILLE AVENUE	
City:	SOMERVILLE	
State/Country:	MASSACHUSETTS	
Postal Code:	02143	

PROPERTY NUMBERS Total: 15

Property Type	Number
Application Number:	15395040
Application Number:	13965048
Application Number:	15440289
Application Number:	15440295
Application Number:	15440297
Application Number:	15440300
Application Number:	15440308
Application Number:	15440312
Application Number:	15392653
Application Number:	15392542
Application Number:	15392523
Application Number:	15392657
Application Number:	15395622
Application Number:	15394572
Application Number:	15392571

CORRESPONDENCE DATA

Fax Number: (312)913-0002

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.

505263115 REEL: 047905 FRAME: 0168

Phone: 3129130001

Email: furiasse@mbhb.com

Correspondent Name: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

Address Line 1: 300 SOUTH WACKER DRIVE Address Line 4: CHICAGO, ILLINOIS 60606

NAME OF SUBMITTER: KURT W. ROHDE

SIGNATURE: /Kurt W. Rohde/

DATE SIGNED: 01/04/2019

Total Attachments: 5

source=Assignment_LLC_to_Malta_Redacted#page1.tif

source=Assignment_LLC_to_Malta_Redacted#page2.tif

source=Assignment_LLC_to_Malta_Redacted#page3.tif

source=Assignment_LLC_to_Malta_Redacted#page4.tif

source=Assignment LLC to Malta Redacted#page5.tif

PATENT REEL: 047905 FRAME: 0169

ASSIGNMENT OF PATENTS

This Assignment of Patents ("Assignment") is effective as of August 24, 2018 ("Effective Date") by and between Google LLC, a limited liability company, organized under the laws of Delaware and having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043 ("Assignor"), and Malta Inc., a corporation organized under the laws of the State of Delaware and having a place of business at Greentown Labs, 444 Somerville Avenue, Somerville, MA 02143 ("Assignee").

WHEREAS pursuant to that certain Contribution Agreement dated as of August 24, 2018, Assignor has agreed to assign to Assignee, and Assignee has agreed to accept, Assignor's entire right, title and interest in and to the patents and patent applications listed in the attached Annex A (the "Patents");

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns and transfers to Assignee, and Assignee hereby accepts, Assignor's entire right, title and interest in and to the Patents and all Assignor's rights of enforcement thereto, including all rights to sue or recover for the past infringement thereof, and further including the right to file and prosecute in its own name, wherever so permitted by law, patent applications based on any of the Patents, and to claim priority to any of the Patents pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of similar purposes, and the right to fully and entirely stand in the place of Assignor in all matters related thereto. Assignee agrees that it shall be solely responsible for the payment of any and all maintenance fees, annuities, taxes, and similar expenses, from and after the Effective Date.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein.

This Assignment will be governed by and construed in accordance with the laws of the State of Delaware without regard to the conflict of laws principles thereof. Nothing contained in this Assignment will in any way supersede, merge with, modify, replace, amend, change, rescind, waive, exceed, expand, enlarge or in any way affect the provisions of the Contribution Agreement. This Assignment may not be amended in any manner except by a writing signed by the parties hereto. This Assignment may be executed in any number of counterparts, each of which will be deemed an original, and all of which together will constitute one instrument.

(Signature pages follow)

4816-6029-4767v.1 0111185-000001

PATENT REEL: 047905 FRAME: 0170

Google LLC ("Assignor")	
and the second s	
Signature	
Kenneth H. Yi	
Printed Name	***********
Assistant Secretary	
Title	
Malta Inc. ("Assignee")	
Signature	
Ramya Swaminathan	
Printed Name	
President and CEO	
Title	innannannan

IN WITNESS WHEREOF, this Assignment of Patents has been duly executed by the parties, effective as of the Effective Date.

[Signature Page to Assignment of Patents]

Google LLC ("Assignor")
Signature
Printed Name
Title
Malta Inc. ("Assignce")
<u>Payars</u> Signature
Ramya Swaminathan Printed Name
President and CEO

IN WITNESS WHEREOF, this Assignment of Patents has been duly executed by the parties, effective as

of the Effective Date.

Title

[Signature Page to Assignment of Patents]

Annex A to Assignment of Patents

The following patents and patent applications:

Country	Application #	Status	Issue Date Date Acquired
US	15/395,040		
PCT	PCT/US17/65643		
US	61/339,577		
US	12/932,775		
US	13/965,048		
US	61/706,337		
US	14/668,610		
US	15/440,289		
US	15/440,295		
US	15/440,297		
US	15/440,300		
US	15/440,306	y.	
US	15/440,308		
ÜS	15/440,312		
WO	PCT/US2013/062 469		
US	61/868,070	t e e e e e e e e e e e e e e e e e e e	
US	15/392,653	\$	
PCT	PCT/US17/06211 7		
US	15/392,542		
PCT	PCT/US17/06351 9		

4816-6029-4767v.1 0111185-000001

PATENT REEL: 047905 FRAME: 0173

Country	Application #	Status	Issue Date	Date Acquired
US	15/392,523			
PCT	PCT/US17/63521			
				
US	15/392,657			
PCT	PCT/US17/64074			
US	15/396,461			
PCT	PCT/US17/67049			,
US	15/395,622			
PCT	PCT/US17/65645			
US	15/392,927			
PCT	PCT/US17/64076			ì
US	15/394,572			
PCT	PCT/US17/65201			
US	15/393,891			
PCT	PCT/US17/65200			
US	15/392,571			
PCT	PCT/US17/64839			
US	15/393,874			
PCT	PCT/US17/63289			,
CN	201721353270.6			
CN	201721353270.6	_	e	