

PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI112522

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Vodafone Global Enterprise Limited	08/03/2023
RECEIVING PARTY DATA	
Company Name:	DABCO Limited
Street Address:	Vodafone House The Connection
City:	Newbury
State/Country:	UNITED KINGDOM
Postal Code:	RG14 2FN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	10305862
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	17260-US10305862
NAME OF SUBMITTER:	Dee So
SIGNATURE:	Dee So
DATE SIGNED:	03/21/2024
Total Attachments: 6 source=VGEL joint DABCO#page1.tif source=VGEL joint DABCO#page2.tif source=VGEL joint DABCO#page3.tif source=VGEL joint DABCO#page4.tif source=VGEL joint DABCO#page5.tif source=VGEL joint DABCO#page6.tif	

**CONFIRMATORY ASSIGNMENT:
FOR THE PURPOSES OF RECORDING THE ASSIGNMENT OF
PATENTS/PATENT APPLICATIONS ASSIGNED IN AN ASSIGNMENT
AGREEMENT OF 23 JUNE 2023**

THIS CONFIRMATORY ASSIGNMENT is made this ...*3rd*..... day of
August.. 2023

BETWEEN

VODAFONE GLOBAL ENTERPRISE LIMITED ("the Assignor"), a company registered in England and Wales and having its registered office at Vodafone House, The Connection, Newbury, Berkshire, RG14 2FN, UK

and

DABCO LIMITED ("the Assignee"), a company registered in England and Wales and having its registered office at Vodafone House, The Connection, Newbury, Berkshire, RG14 2FN, UK

W H E R E A S:

(A) The Assignor filed or acquired the patents and patent applications ("the Patents") listed in the schedule hereto for inventions ("the Inventions", which term includes any and all inventions disclosed in the Patents):-

(B) The Assignor and Assignee entered into an agreement dated the 23rd day of June 2023 (herein after called "the Agreement") for the transfer from the Assignor to the Assignee an undivided one-half of its full right, title and interest in and to the Patents including the right to claim priority.

(C) The parties agreed on the assignment hereinafter set forth.

IN ACCORDANCE WITH TERMS OF THE AGREEMENT, IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:

1. For consideration of the sum of £1 or other good and valuable consideration,

receipt of which the Assignor hereby acknowledges, the Assignor hereby assigns to DABCO absolutely with full title guarantee an undivided one-half of its full right, title and interest in and to all SIM Trust Patents and Inventions together with all renewals, extensions, continuations, or divisional applications deriving therefrom, together with all rights of action arising therefrom including the right to sue for damages and other remedies in respect of any previous infringements thereof or any acts prior to the date hereof, together with the right to apply for, prosecute and obtain patent protection throughout the world in respect of the inventions claimed in or which form part of the assigned Patents and Inventions including the right to claim priority therefrom such that all IPR in the SIM Trust Patents shall be jointly owned in equal and undivided shares by the Parties. The Parties may use and exploit the SIM Trust Patents in accordance with terms of the Agreement.


2. The Assignor hereby agrees that it will at all times hereafter itself do all such acts and execute all such documents as may reasonably be necessary or desirable to give effect to this assignment.

COUNTERPARTS:

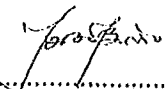
This confirmatory assignment may be executed in any number of counterparts, each of which when executed shall constitute a duplicate original, but all the counterparts shall together constitute the one confirmatory assignment.

IN WITNESS WHEREOF this Assignment has been executed on the year and day first above written.

SIGNED by the said VODAFONE GLOBAL ENTERPRISE LIMITED)


..... Amy McCormell Head of Legal Operations
(print name and position)

SIGNED by the said DABCO LIMITED)


.....
(print name and position)

JORGE BENTO DIRECTOR

SCHEDULE

The patents and patent application(s) which will be jointly owned by DABCo and Vodafone:

Patent No.	Patent No.	Year Filed	Countries (including application)	Vodafone Title
P101265	<u>GB2518975</u>	2014	UK	Secure Device Management
P101292	<u>EP3044928</u>	2014	France, Germany, UK, USA, EP Div.*	Communicating with a M2M Device
P110011	<u>EP3044975</u>	2014	France, Germany, UK, USA, EP Div.*	Perfect Forward Secrecy
P110023	<u>US10313308</u>	2014	UK, USA, USA Cont.	Secure Communication Routing
P110082	<u>EP3098745</u>	2016	France, Germany, UK, Spain, Greece, Italy, USA, EP Div.*	Device Specific Encryption
P110083	<u>EP3099094</u>	2016	France, Germany, UK, USA, EP Div.*	Setting CPE Password
P110090	<u>US10484869</u>	2015	China *, USA	Simplified GBA using Ub Interface
P101299	<u>EP3044983</u>	2014	UK, Germany, France	Secure Communication Channels
P101342	<u>EP3044984</u>	2014	UK, Germany, France, Greece, Italy	Security Keys - Lifetime linkage
P110319	<u>GB2609242</u>	2021	UK*, PCT*	Secure Wake-up Messaging
P110389	(To be filed)	2023	(To be determined)	Secure Device Wake-up – Merging the GBA Push Mechanism with the TLS-PSK Protocol

Details of the SIM Trust patent families to be jointly owned by DABCo and Vodafone:

Family Ref.	Publication no.	Application no.	Date filed	Date granted	Official Title
P101265-GB	GB2518975	GB 1415918.0	2014-09-09	2020-12-30	Communicating with a Device
P101292-DE	EP3044928(DE) DE60201407203 2.3	EP 14777370.9	2014-09-12	2020-11-04	Communicating with a Machine-to-Machine Device
P101292-FR	EP3044928(FR)	EP 14777370.9	2014-09-12	2020-11-04	Communicating with a Machine-to-Machine Device
P101292-GB	EP3044928(GB)	EP 14777370.9	2014-09-12	2020-11-04	Communicating with a Machine-to-Machine Device
P101292-US	US10673820	US 15/021871	2014-09-12	2020-06-02	Communicating with a Machine-to-Machine Device
P101292-EP-DIV	EP3767984	EP 20195438.5	2014-09-12	(Pending)	Communicating with a Machine-to-Machine Device
P110011-DE	EP3044975(DE) DE60201407773 6	EP 14777373.3	2014-09-12	2021-05-26	Secure Communication with a Mobile Device
P110011-FR	EP3044975(FR)	EP 14777373.3	2014-09-12	2021-05-26	Secure Communication with a Mobile Device
P110011-US	US10305862	US 15/021912	2014-09-12	2019-05-28	Secure Communication with a Mobile Device
P110011-EP-DIV	EP3832982	EP 21154414.3	2014-09-12	(Pending)	Secure Communication with a Mobile Device
P110011-GB	GB2518976	GB 1415927.1	2014-09-09	2022-11-04	Secure Communication with a Mobile Device
P110023-US	US10313308	US 15/021913	2014-09-12	2019-06-04	Communicating with a Device
P110023-US-CNT	US11044234	US 16/357727	2019-03-09	2021-06-22	Communicating with a Device
P110023-GB	GB2518301	GB 1415921.4	2014-09-09	2020-07-15	Identifying a server instance in communications with a bootstrapping server
P110082-DE	EP3098745(DE) DE60201606083 6	EP 16171815.0	2016-05-27	2021-07-21	Device Key Security

P110082-ES	EP3098745(ES) ES2893655	EP 16171815.0	2016-05-27	2021-07-21	Device Key Security
P110082-FR	EP3098745(FR)	EP 16171815.0	2016-05-27	2021-07-21	Device Key Security
P110082-GB(1)	EP3098745(GB)	EP 16171815.0	2016-05-27	2021-07-21	Device Key Security
P110082-GR	EP3098745(GR)	EP 16171815.0	2016-05-27	2021-07-21	Device Key Security
P110082-IT	EP3098745(IT)	EP 16171815.0	2016-05-27	2021-07-21	Device Key Security
P110082-US	US10680814	US 15/168384	2016-05-31	2020-06-09	Device Key Security
P110082-EP-DIV	EP3876124	EP 21171663.4	2016-05-27	(Pending)	Device Key Security
P110083-US	US10298397	US 15/168373	2016-05-31	2019-05-21	Setting a Password on a Device
P110083-EP-DIV	EP3726871	EP 20178580.5	2016-05-27	(Pending)	Setting a Password on a Device
P110083-GB(1)	EP3099094(GB)	EP 16171814.3	2016-05-27	2020-07-08	Setting a Password on a Device
P110083-FR	EP3099094(FR)	EP 16171814.3	2016-05-27	2020-07-08	Setting a Password on a Device
P110083-DE	EP3099094(DE) DE602016039396	EP 16171814.3	2016-05-27	2020-07-08	Setting a Password on a Device
P110090-US	US10484869	US 15/208149	2016-07-12	2019-11-19	Generic Bootstrapping Architecture Protocol
P110090-CN	CN106714154	CN 201610806417.6	2016-07-13	25-11-2022	Generic Bootstrapping Architecture Protocol
P101299-GB-NP	GB2518254	GB 1409641.6	30-05-2014	17-11-2020	Communicating with a Machine to machine Device
P101299-GB-DIV	GB2586549	GB 2016853.0	30-05-2014	27-04-2021	Communicating with a Machine to machine Device
P101299-GB	EP3044983	EP 14776681.0	12-09-2014	19-05-2021	Communicating with a Machine to machine Device
P101299-DE	EP3044983	EP 14776681.0	12-09-2014	19-05-2021	Communicating with a Machine to machine Device
P101299-FR	EP3044983	EP 14776681.0	12-09-2014	19-05-2021	Communicating with a Machine to machine Device

P101299-US	US10439991	US 15/021,873	14-03-20 16	18-09-20 19	Communicating with a Machine to machine Device
P101342-GB	GB2518522	GB 1414999.1	22-08-20 14	23-06-20 20	Communicating with a machine to machine device
P101342-GB(l)	EP3044984	EP 14776683.6	12-09-20 14	21-07-20 21	Communicating with a Machine to machine Device
P101342-DE	EP3044984	EP 14776683.6	12-09-20 14	21-07-20 21	Communicating with a Machine to machine Device
P101342-FR	EP3044984	EP 14776683.6	12-09-20 14	21-07-20 21	Communicating with a Machine to machine Device
P101342-GR	EP3044984	EP 14776683.6	12-09-20 14	21-07-20 21	Communicating with a Machine to machine Device
P101342-IT	EP3044984	EP 14776683.6	12-09-20 14	21-07-20 21	Communicating with a Machine to machine Device
P101342-US	US10313307	US 15/021,879	14-03-20 16	15-05-20 19	Communicating with a Machine to machine Device
P110319-WO	WO2023/007135	PCT/GB2022/0519 40	25-07-20 22	n/a	Waking Up a Device
P110319-GB	GB2609242	GB 2110715.6	26-07-20 21	n/a	Waking Up a Device
P110389	(To be filed)	n/a	n/a	n/a	Secure Device Wake-up – Merging the GBA Push Mechanism with the TLS-PSK Protocol