

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5990228

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIEMENS AKTIENGESELLSCHAFT	06/01/2018

RECEIVING PARTY DATA

Name:	SIEMENS MOBILITY GMBH
Street Address:	OTTO-HAHN-RING 6
City:	MÜNCHEN
State/Country:	GERMANY
Postal Code:	81739

PROPERTY NUMBERS Total: 101

Property Type	Number
Application Number:	15037945
Application Number:	15112203
Application Number:	15323621
Application Number:	15551295
Application Number:	15547570
Application Number:	16068771
Application Number:	16086023
Application Number:	15834661
Application Number:	15884602
Application Number:	14415854
Application Number:	14893955
Application Number:	14915789
Application Number:	15023459
Application Number:	15100128
Application Number:	15109142
Application Number:	15312708
Application Number:	15501879
Application Number:	15513661
Application Number:	15504966
Application Number:	15531512

PATENT

Property Type	Number
Application Number:	15547627
Application Number:	15562032
Application Number:	15742160
Application Number:	15741367
Application Number:	15764887
Application Number:	15764894
Application Number:	16079315
Application Number:	13877263
Application Number:	13979731
Application Number:	15301990
Application Number:	15510747
Application Number:	15539293
Application Number:	15562045
Application Number:	15570452
Application Number:	15738416
Application Number:	15743499
Application Number:	15761126
Application Number:	15781190
Application Number:	15764889
Application Number:	16088508
Application Number:	15857703
Application Number:	14763570
Application Number:	14787035
Application Number:	15506787
Application Number:	15531055
Application Number:	15531513
Application Number:	15566779
Application Number:	15554138
Application Number:	15556431
Application Number:	15580722
Application Number:	15750998
Application Number:	15767697
Application Number:	15764891
Application Number:	15639170
Application Number:	15321826
Application Number:	15327086
Application Number:	15537615
Application Number:	15539288

Property Type	Number
Application Number:	15556211
Application Number:	15556323
Application Number:	15772191
Application Number:	15764892
Application Number:	16072595
Application Number:	16070797
Application Number:	16073858
Application Number:	16073458
Application Number:	15305366
Application Number:	15503454
Application Number:	15504574
Application Number:	15325575
Application Number:	15521980
Application Number:	15566000
Application Number:	15565548
Application Number:	15758941
Application Number:	16089445
Application Number:	15025958
Application Number:	15105064
Application Number:	15313578
Application Number:	15504784
Application Number:	15556321
Application Number:	15554723
Application Number:	15539426
Application Number:	15561616
Application Number:	15578548
Application Number:	15764890
Application Number:	16067743
Application Number:	15312705
Application Number:	15036825
Application Number:	15325624
Application Number:	15504347
Application Number:	15542941
Application Number:	15556377
Application Number:	15548494
Application Number:	15570157
Application Number:	15752700
Application Number:	15764888

Property Type	Number
Application Number:	15778725
Application Number:	16079318
Application Number:	16088510
Application Number:	16132668
Application Number:	15507829

CORRESPONDENCE DATA

Fax Number: (407)243-3175

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.

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Correspondent Name: SIEMENS CORPORATION - IP DEPT.

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ATTORNEY DOCKET NUMBER:	VARIOUS
NAME OF SUBMITTER:	SANDRA IRIZARRY
SIGNATURE:	/Sandra Irizarry/
DATE SIGNED:	03/02/2020

Total Attachments: 6

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PATENT ASSIGNMENT AGREEMENT

This Patent Assignment Agreement (this "*Assignment*"), dated as of June 1, 2018 (the "*Effective Date*"), is made by and between Siemens Aktiengesellschaft, a corporation organized and existing under the laws of Germany ("*Assignor*"), and Siemens Mobility GmbH, a corporation organized and existing under the laws of Germany ("*Assignee*").

WHEREAS, Assignor and Assignee are parties to that certain Asset Purchase Agreement, dated as of February 15, 2018 (the "*Purchase Agreement*"), and in connection therewith, Assignor is assigning the Assigned Patents to Assignee; and

WHEREAS, Assignor is the sole and exclusive owner of the patents set forth on Schedule 1 attached hereto ("*Assigned Patents*") and desires to assign, transfer, convey and deliver to Assignee, *inter alia*, all of the worldwide right, title, and interest in and to the Assigned Patents and the inventions disclosed therein pursuant to this Assignment.

WHEREAS, Assignee is desirous of acquiring all of the worldwide right, title and interest in and to the Assigned Patents and the inventions disclosed therein;

NOW, THEREFORE, in consideration of the mutual agreements and other good and valuable consideration contained in the Purchase Agreement and herein, and expressly subject thereto, the receipt and sufficiency of which are hereby acknowledged, Assignors and Assignee, intending to be legally bound, hereby agrees as follows:

1. Assignment. Assignor hereby irrevocably sells, assigns, transfers, conveys and delivers to Assignee, throughout the world and in perpetuity, any and all of Assignor's right, title and interest in and to all of the Assigned Patents and the inventions and improvements disclosed therein, including: (i) all rights pursuant to 35 U.S.C. § 100 et. seq., the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding and all other foreign statutes and laws that apply to any national or international applications that are related thereto, and (ii) all patents or patent applications that, directly or indirectly, claim priority to the Assigned Patents and/or for which any of the foregoing forms a basis for priority pursuant to 35 U.S.C. §§ 120 or 119(e) (or the equivalent laws or regulations of any other governmental patent authority anywhere in the world), including any and all continuation, divisional and continuation-in-part applications of any of the foregoing; and (iii) all reissues, renewals, revivals, reexaminations, and extensions of any of the foregoing; and (iv) all past, present and future causes of action (whether currently pending, filed, or otherwise) and other enforcement actions (including, without limitation, all rights to damages, injunctive remedies and relief, and other remedies of any kind for past, current and future infringement) and (v) all rights to collect royalties or fees (excluding royalties or other payments paid to and received by Assignor prior to the date of this Assignment), damages and profits, due or accrued, relating to any of the foregoing, including the right to sue and recover for, and the right to profits and damages, due or accrued, arising out of or in connection with, any and all past, present or future infringements or dilutions.

2. Recordation of Assignment. This Assignment may be made of record in any government and/or administrative authorities, including in the United States Patent and Trademark Office, as appropriate and desired by Assignee. Assignor hereby authorizes and requests the Director of the U.S. Patent and Trademark Office and any official of any other country whose duty it is to manage the files related to and to issue patents on the applications included in the Assigned Patent Rights, to issue patents on the applications included in the Assigned Patents and record the assignment herein and to issue all Letters Patent, patents, certificates of invention, utility models or other governmental grants or issuances

for the inventions disclosed therein to Assignee, its successors and assigns, as the assignee to the entire interest therein. The Assignor will, without further consideration, execute all instruments and documents and do all such additional acts and things as Assignee may in its absolute discretion consider necessary or desirable to enable Assigned Patents or any other form of protection to be issued with respect to Assigned Patents and the inventions disclosed therein in any part of the world, and enable or assist Assignee to effect, evidence, record and perfect the assignment and recordation of the rights being assigned hereunder.

3. Further Assurances. Each of the parties hereby agrees that it will, at any time and from time to time after the date hereof, and without further consideration, take all such further actions, and execute and deliver all such further instruments or documents, as may be reasonably requested by the other parties to effectuate the purposes of this Assignment.

4. Successors and Assigns. This Assignment shall be binding upon, and shall inure to the benefit of, the parties hereto and their respective successors and assigns.

5. Amendments and Waivers. If the issue date and/or patent number of any of the Assigned Patents is unknown at the time this agreement is executed, Assignor does hereby authorize Assignee's attorneys to insert on this Assignment the issue date and patent number of said patent when known. No other amendment, modification, waiver, replacement, termination, or cancellation of any provision of this Assignment will be valid, unless the same will be in writing and signed by Assignee and each Assignor.

6. Counterparts. This Assignment may be executed in one or more counterparts, all of which shall be considered one and the same agreement, and shall become effective when one or more such counterparts have been signed by each of the parties and delivered to the other party. Facsimile or electronic mail transmission of counterpart signatures to this Assignment shall be acceptable and binding.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the Effective Date of this Assignment.

Siemens Aktiengesellschaft

By: *[Signature]* *[Signature]*

Name: Zirkel Rubik-Beierlorzer

Title: both authorized officers

Siemens Mobility GmbH

By: *[Signature]* *[Signature]*

Name: Johne Milzarek

Title: both authorized officers

Transfer of rights Siemens Aktiengesellschaft >> Siemens Mobility GmbH

Internal file number	Application number	Filing date	Grant number	Grant date
2013P23538WOUS	15/037,945	25.11.2014		
2013P26017WOUS	15/112,203	09.01.2015		
2014P11627WOUS	15/323,621	25.06.2015		
2014P26802WOUS	15/551,295	12.02.2016		
2015P00839WOUS	15/547,570	10.12.2015		
2015P22449WOUS	16/068,771	30.01.2017		
2016P05463WOUS	16/086,023	02.03.2017		
2016P19823 US	15/834,661	07.12.2017		
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2012P06468WOUS	14/415,854	11.06.2013		
2013P06767WOUS	14/893,955	26.05.2014		
2013P10253WOUS	14/915,789	08.08.2014		
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2013P26031WOUS	15/109,142	05.01.2015		
2013P26807WOUS	15/312,708	20.05.2015		
2014P15691WOUS	15/501,879	31.07.2015		
2014P16797WOUS	15/513,661	16.09.2015		
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2014P21761WOUS	15/531,512	18.11.2015		
2015P01613WOUS	15/547,627	06.01.2016		
2015P05210WOUS	15/562,032	24.03.2016		
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2010P20328WOUS	13/877,263	05.09.2011		
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2015P09415WOUS	15/580,722	12.05.2016		
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2015P08372WOUS	15/772,191	28.10.2016		
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2015P22445WOUS	16/072,595	13.12.2016		
2015P25780WOUS	16/070,797	16.12.2016		
2016P00528WOUS	16/073,858	29.01.2016		
2016P00732WOUS	16/073,458	03.01.2017		
2014P07699WOUS	15/305,366	31.03.2015		
2014P12686WOUS	15/503,454	10.08.2015		
2014P14005WOUS	15/504,574	14.08.2015		
2014P14300WOUS	15/325,575	03.07.2015		
2014P21344WOUS	15/521,980	22.10.2015		
2014P24013WOUS	15/566,000	12.04.2016		
2015P05910WOUS	15/565,548	08.03.2016		
2015P18019WOUS	15/758,941	01.09.2016		
2016P05459WOUS	16/089,445	09.02.2017		
2013P14755WOUS	15/025,958	04.09.2014		
2013P23981WOUS	15/105,064	10.12.2014		
2014P03092WOUS	15/313,578	28.05.2015		
2014P12138WOUS	15/504,784	15.09.2015		
2014P26641WOUS	15/556,321	22.02.2016		
2014P26672WOUS	15/554,723	22.02.2016		
2014P26877WOUS	15/539,426	02.12.2015		
2015P00932WOUS	15/561,616	22.03.2016		
2015P02406WOUS	15/578,548	03.05.2016		
2015P19989WOUS	15/764,890	06.09.2016		
2015P25753WOUS	16/067,743	30.11.2016		
2012P14062WOUS	15/312,705	08.05.2015		
2013P22646WOUS	15/036,825	06.11.2014		
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2014P19667WOUS	15/542,941	07.01.2016		
2015P00858WOUS	15/556,377	29.01.2016		
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2015P19987WOUS	15/764,888	07.09.2016		
2015P21873WOUS	15/778,725	29.11.2016		
2016P00320WOUS	16/079,318	30.01.2017		
2016P06172WOUS	16/088,510	10.02.2017		

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2017P09823 US	16/132,668	17.09.2018		
2014P17982WOUS	15/507,829	28.08.2015		