	Case 3:16-cv-02590-MMA-AGS Docum	ent 1 Filed 10/17/16 Page 1 of 46	
1 2 3	Adam Garson (Bar No. 240440) adam.garson@gazpat.com Frederic G. Ludwig, III (Bar No. 2053 eric.ludwig@gazpat.com GAZDZINSKI & ASSOCIATES, P 16644 West Bernardo Drive Suite 20	С	
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6 7	Attorneys for Plaintiff WEST VIEW RESEARCH, LLC		
8 9	UNITED STATES DISTRICT COURT		
10	SOUTHERN DISTRICT OF CALIFORNIA		
11 12	WEST VIEW RESEARCH, LLC, a California corporation,	CASE NO. <u>'16CV2590 MMAAGS</u>	
13	Plaintiff,	COMPLAINT FOR PATENT INFRINGEMENT	
14	v.		
15 16	BMW OF NORTH AMERICA, LLC, a Delaware corporation; and BMW MANUFACTURING CO., LLC, a Delaware corporation,	JURY TRIAL DEMANDED	
17	Defendants.		
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		COMPLAINT FOR PATENT INFRINGEMENT	

This is an action for patent infringement in which Plaintiff West View
 Research, LLC ("West View Research" or "Plaintiff") makes the following
 allegations against Defendants BMW OF NORTH AMERICA, LLC and BMW
 MANUFACTURING CO., LLC (collectively "BMW" or "Defendants") as
 follows:

THE PARTIES

Plaintiff West View Research is a limited liability company organized
 under the laws of the State of California with a principal place of business at 16644
 West Bernardo Drive, Suite 201-A, San Diego, California 92127.

Upon information and belief, Defendant BMW OF NORTH
 AMERICA, LLC is a corporation organized under the laws of Delaware, with its
 principal place of business at 300 Chestnut Ridge Road, Woodcliff, New Jersey
 07677 and a registered agent at The Corporation Trust Company, Corporation Trust
 Center, 1209 Orange Street, Wilmington, Delaware 19801.

Upon information and belief, Defendant BMW MANUFACTURING
 CO., LLC is a corporation organized under the laws of Delaware, with its principal
 place of business at 1400 Highway 101 South, Greer, South Carolina 29651 and a
 registered agent at The Corporation Trust Company, Corporation Trust Center, 1209
 Orange Street, Wilmington, Delaware 19801.

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JURISDICTION AND VENUE

4. This is an action for patent infringement arising under the patent laws
of the United States, 35 U.S.C. § 1, *et seq.*, including 35 U.S.C. § 271. This Court
has subject matter jurisdiction pursuant to 28 U.S.C. §§ 1331 and 1338(a).

5. This Court has personal jurisdiction over Defendants at least because
Defendants are present within or have ongoing and systematic contacts with the
United States, the State of California, and the Southern District of California.
Defendants have purposefully and regularly availed themselves of the privileges of
conducting business in the State of California and in the Southern District of

1 California. Plaintiff's claims for relief arise directly from Defendants' business contacts and other activities in the State of California and in the Southern District of 2 California. Defendants have committed acts of patent infringement in this District, 3 and have harmed and continue to harm West View Research in this District, by, 4 among other things, using, selling, offering for sale, and/or importing infringing 5 6 products and/or services into this District.

7

BACKGROUND

6. West View Research owns all right, title and interest in U.S. Patent No. 8 9 9,299,053 (the "'053 patent") and U.S. Patent No. 9,412,367 (the "'367 patent") (collectively, the "Patents-in-Suit"). 10

11

Each of the Patents-in-Suit is valid and enforceable. 7.

8. West View Research is in compliance with the marking requirements 12 under 35 U.S.C. § 287 in that it has no duty to mark or to give notice in lieu thereof 13 because it is a patent licensing entity and has no products to mark. 14

15

9. The '053 patent, entitled "Portable Computerized Wireless Apparatus," 16 was duly and legally issued by the United States Patent and Trademark Office on March 29, 2016, after a full and fair examination. A copy of the '053 patent is 17 attached hereto as Exhibit A. 18

10. The '367 patent, entitled "Computerized Information and Display 19 Apparatus," was duly and legally issued by the United States Patent and Trademark 20 21 Office on August 9, 2016, after a full and fair examination. A copy of the '367 patent is attached hereto as Exhibit B. 22

23

LITIGATION HISTORY

11. Plaintiff initiated a separate action against Defendants on Nov. 10, 2014 24 alleging infringement of several patents. See Case No. 14-CV-2670 CAB WVG. 25 26 That case is still pending.

12. The '053 and '367 patents of the present action were not asserted in the 27 aforementioned case, with the '053 patent being wholly unrelated to those patents 28 -2-COMPLAINT FOR PATENT INFRINGEMENT

asserted in Case No. 14-CV-2670 CAB WVG (hereinafter "Previously Asserted 1 Patents"), and the '367 patent being a new family member of the Previously 2 Asserted Patents". However, the claims of the '367 patent were allowed by the 3 USPTO after consideration of, *inter alia*: (i) all prior art (and claim charts) cited by 4 Defendants in their invalidity contentions relating to the Previously Asserted 5 6 Patents; (ii) all prior art and discussion cited by Defendant Audi/VW (Case No. 14-CV-2668 CAB WVG) in its Inter Partes Review (IPR) petitions regarding the 7 Previously Asserted Patents (still pending); and (iii) each of the Court's Orders (2) 8 9 granting Defendant's Motions for Judgment on the Pleadings for the Previously Asserted Patents. 10

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DEFENDANTS' RELEVANT TECHNOLOGY

13 13. Upon information and belief, Defendants make, use, sell, re-sell, offer
14 for sale, distribute, import, and/or advertise (including the provision of an interactive
15 website) their infringing products, namely vehicles and/or services and/or software
16 that include but are not limited to:

(1) 2013 and later (as applicable) 1-Series, 2-Series, 3-Series, 4-Series, 5Series, 6-Series, 7-Series, Z4, M-models, X-models, and i-Series with "iDrive" with
infotainment system including but not limited to those with "BMW
ConnectedDrive" and/or "BMW Assist" and/or "BMW Online" (hereinafter,
"BMW iDrive Products");

(2)2013 and later (as applicable) 1-Series, 2-Series, 3-Series, 4-Series, 5-22 Series, 6-Series, 7-Series, Z4, M-models, X-models, and i-Series with "iDrive" with 23 infotainment system including but not limited to those with "BMW 24 ConnectedDrive" and/or "BMW Assist" and/or "BMW Online" used in conjunction 25 with BMW Connected, BMW Roadside (Assistance), and BMW Remote (including 26 i Remote) application programs ("apps") (Android Only) (hereinafter, "BMW 27 iDrive Products with Applications"); 28 -3-

- (3) 2016 and later (as applicable) 7-Series and other vehicles with next generation touchscreen-based iDrive navigation/infotainment system (hereinafter,
 "Touchscreen-based iDrive Products");
- 4 (4) 2016 and later (as applicable) 7-Series and other vehicles with next5 generation touchscreen-based navigation/infotainment system and Android-based
 6 portable electronic computing device known as the BMW "Touch Command"
 7 Tablet (hereinafter, "Touchscreen and Tablet Products");
- 8 (5) 2016 and later (as applicable) 7-Series and other vehicles with BMW
 9 "Rear Seat Entertainment Professional" system (hereinafter, "Entertainment
 10 Professional Products");
- (6) 2016 and later (as applicable) versions of the Android-based, portable
 electronic tablet computing device known as the BMW "Touch Command" Tablet
 (hereinafter, "Tablet Products");
- 14 (7) 2016 and later (as applicable) BMW Roadside Assistance Services
 15 (hereinafter, "Roadside Services");
- 16 (8) 2016 and later (as applicable) vehicles with BMW ConnectedDrive
 17 technology with "Smart Home" App(s) (hereinafter, "Smart Home Products"); and
- (9) 2016 and later (as applicable) vehicles with BMW ConnectedDrive
 technology and Navigation System Professional and SA6AK Services and IFTTT
 ("If-this-then-that") Widget Activated (hereinafter, "IFTTT Widget-enabled
 Products").
- 14. BMW iDrive Products, BMW iDrive Products with Applications,
 Touchscreen-based iDrive Products, Touchscreen and Tablet Products, Tablet
 Products, Roadside Services, Smart Home Products, and IFTTT Widget-enabled
 Products may be collectively referred to herein as the "Accused Products and
 Services."
- 27 15. The Accused Products and Services directly infringe the Patents-in-Suit
 28 in violation of 5 U.S.C. § 271(a).

1 16. Upon information and belief, Defendants own, operate, and/or control 2 various Internet websites, including without limitation the URL addresses 3 <u>http://www.bmw.com/</u> and <u>http://www.bmwusa.com</u> and <u>https://labs.bmw.com/</u> and 4 <u>http://bmwiforum.bmwusa.com/</u> and therefore manage and/or control the contents 5 displayed thereon.

17. Upon information and belief, through the publication and dissemination 6 of marketing and/or promotional materials, detailed operational manuals, on-line 7 instructional videos, links or other references to application program download 8 9 portals such as e.g., "Google Play", and/or technical assistance, Defendants entice, encourage, instruct, enable and otherwise aid and abet third parties, including but 10 11 not limited to Defendants' customers and sales or technical personnel, Defendants' agents, owners, and/or drivers of the Accused Products and Services, to use such 12 Accused Products and Services in a manner that directly infringes the Patents-in-13 Suit, including the '053 patent and '367 patent. 14

Upon information and belief, Defendants, through ownership and 15 18. control of the Internet websites http://www.bmw.com/, http://www.bmwusa.com, 16 https://labs.bmw.com/, and http://bmwiforum.bmwusa.com/ (and other related 17 websites), aid and abet the infringement of the '053 and '367 patents by past, 18 current, and prospective customers, owners, service personnel, and/or drivers of the 19 20 Accused Products and/or Services, through Defendants' publication of additional 21 detailed operating manuals, instructional videos, and press releases concerning the "BMW Roadside Assistance", "BMW Assist", "BMW Remote", and "BMW IFTT 22 Widget-enabled" technologies. Defendants direct the attention of such customers, 23 owners, and/or drivers to these instructional, educational, and tutorial publications, 24 thereby enticing, encouraging and aiding and abetting third parties to use the "BMW" 25 Roadside Assistance", "BMW Assist", "BMW Remote", and "BMW IFTT Widget-26 enabled" features disposed within or in conjunction with the Accused Products and 27 Services, in a manner that directly infringes the '053 and '367 patents. 28

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1 19. By way of example, Defendants publish online resources including operating instructions and explanatory videos touting BMW iDrive Navigation 2 Products with Connected Smartphone Application, at http://www.bmw.com/com/en/ 3 owners/connected drive services/how to use/index.html (a true and correct copy 4 of relevant portions of this webpage are attached hereto as Exhibit C). 5 6 20. By way of example, Defendants publish press releases and promotional material highlighting the BMW iDrive Navigation Products with Connected 7 Smartphone Application at https://www.press.bmwgroup.com/usa/pressDetail.html? 8 title=bmw-connecteddrive-broaden-of-access-and-expansion-of-services-globally-9 will-include-benefits-for-us&outputChannelId=9&id=T0142592EN_ 10 US&left_menu_item=node__5238 (a true and correct copy of relevant portions of 11 this webpage are attached hereto as Exhibit D). 12 21. By way of example, Defendants publish online resources including 13 descriptions touting BMW iDrive Navigation Products with Smartphone 14 Applications obtain online) 15 (and where to them at http://www.bmwusa.com/standard/content/innovations/bmwconnecteddrive/connect 16 eddrive.aspx?from=/Standard/Content/Innovations/BMWConnectedDriveRD.aspx& 17 return=/Standard/Content/Innovations/BMWConnectedDriveRD.aspx#view apps 18 19 (A true and correct copy of relevant portions are attached hereto as Exhibit E). 20 21 22 23 24 25 26 27 28 -6-

- 1 22. By way of example, Defendants publish online resources including operating instructions and explanatory videos touting BMW iDrive Navigation 2 Products with Connected Smartphone Application, at http://www.bmw.com/ 3 com/en/insights/technology/connecteddrive/2013/ (a true and correct copy of 4 relevant portions of this webpage are attached hereto as Exhibit F). 5
- 6

23. By way of example, Defendants publish and distribute user manuals for BMW's iDrive Navigation Products with Connected Smartphone Application, 7 which contains detailed instructions for the use and operation of such systems. (A 8 9 true and correct copy of the manual is attached hereto as Exhibit G).

10

24. By way of example, Defendants publish and distribute user manuals for 11 BMW's ConnectedDrive, which contains detailed instructions for the use and operation of such systems, including accessing the Internet. (A true and correct copy 12 of the manual is attached hereto as Exhibit H). 13

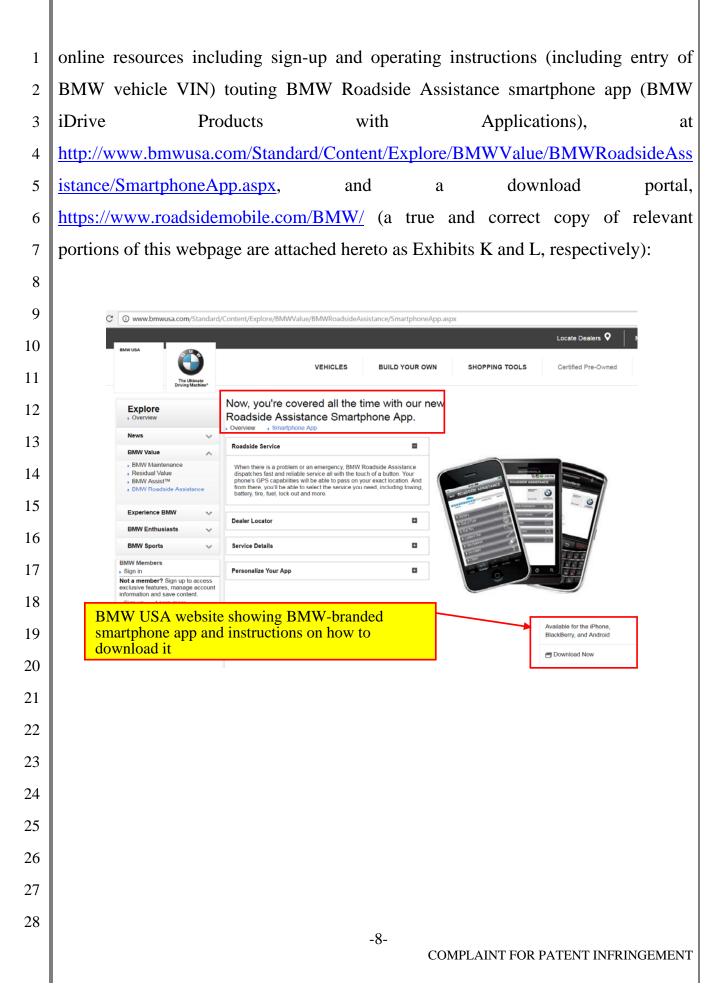
25. By way of example, Defendants publish a press release touting 2016 14 BMW 7-Series with Touchscreen-based iDrive Products, Touchscreen and Tablet 15 16 Products, and Tablet Products, at https://www.press.bmwgroup.com/global /pressDetail.html?title=the-new-bmw-7-series&outputChannelId=6&id= 17

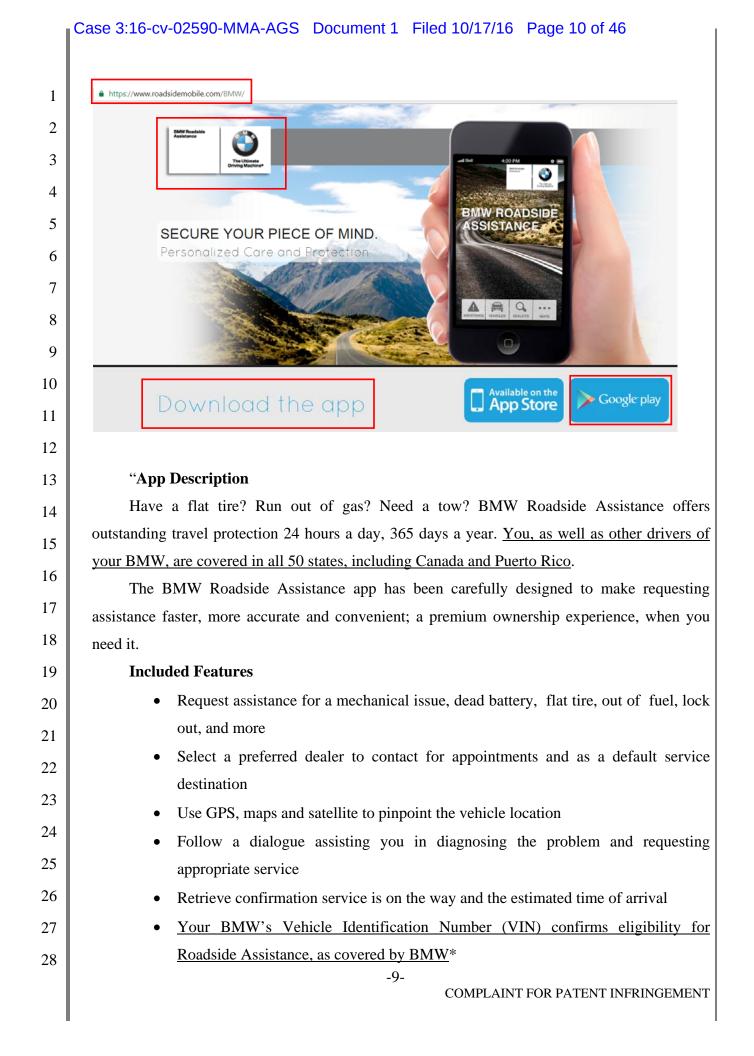
T0221224EN&left menu item=node 4099 (a true and correct copy of relevant 18 portions of this webpage are attached hereto as Exhibit I). 19

20 26. By way of example, Defendants publish online resources including 21 sign-up and operating instructions touting BMW Roadside Assistance Services and associated smartphone application (BMW iDrive Products with Applications), at 22 http://www.bmwusa.com/Standard/Content/Explore/BMWValue/BMWRoadsideAss 23 istance/default.aspx?from=/Standard/Content/Explore/BMWValue/BMWRoadsideA 24 ssistance.aspx&return=/Standard/Content/Explore/BMWValue/BMWRoadsideAssis 25 26 tance.aspx (a true and correct copy of relevant portions of this webpage are attached hereto as Exhibit J). 27

By way of example, Defendants publish or cause to be published 27. 28 -7-COMPLAINT FOR PATENT INFRINGEMENT

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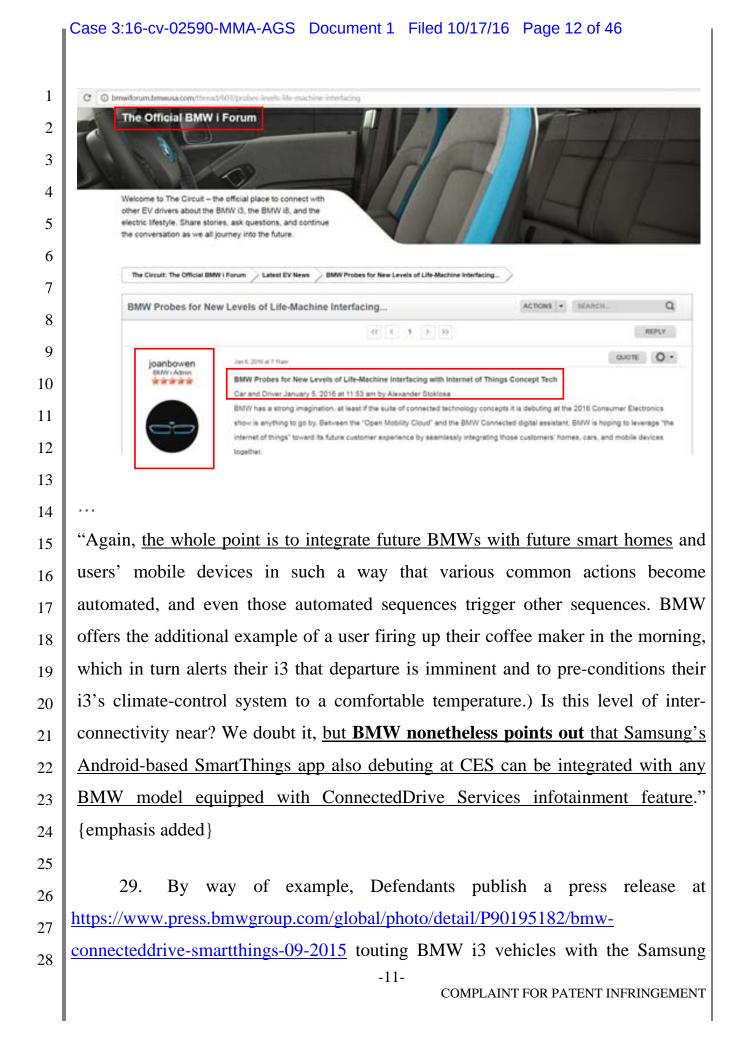
*Subject to certain limitations and exclusions. See your Owner's Manual for details." {emphasis added}

28. By way of example, Defendants conducted a marketing presentation and lecture(s), as well as actual product demonstrations, at the Computer Electronics Show (CES) 2016 in January, 2016, as evidenced by the following Internet article published by Samsung Corporation (a partner with BMW in vehicle/"smart home" integration via its "SmartThings" division) at http://news.samsung.com/us/2016/01/07/samsung-shows-internet-things-now-syncreferenced BMW its real-life/, and as by personnel on website at http://bmwiforum.bmwusa.com/thread/603/probes-levels-life-machine-interfacing (a true and correct copy of relevant portions of these webpages are attached hereto as Exhibits M and N, respectively):

SMART CAR MEETS SMART HOME.

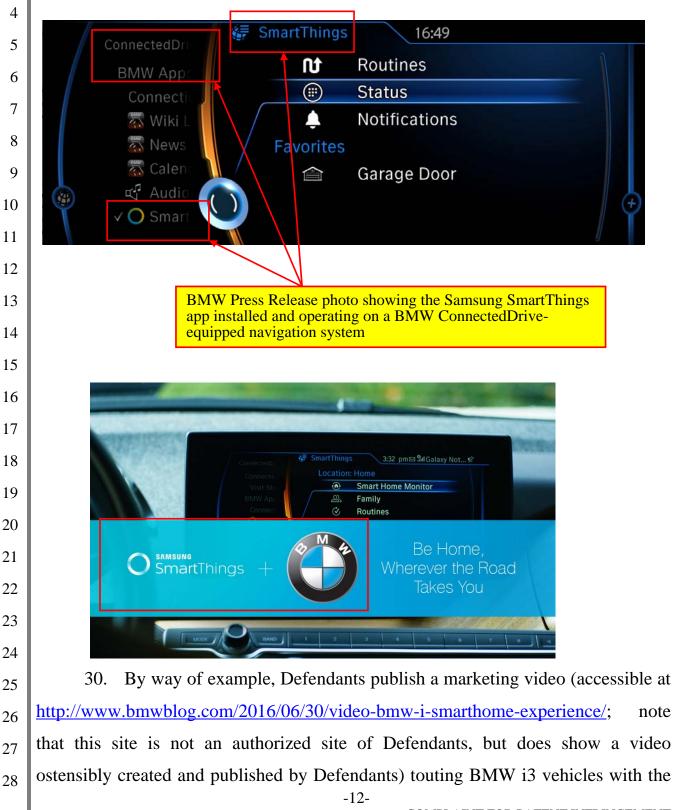
"<u>BMW'S Steven Althaus</u> presents a first at CES 2016: a <u>customer-ready solution</u> of Smart Things integration <u>available today</u> – Smart Car meets Smart Home, Thursday, Jan. 7, 2016, in Las Vegas. <u>Your BMW is now a personal IoT cockpit</u> <u>allowing you to control your Samsung ecosystem from your car</u>. (Isaac Brekken/AP Images for Samsung)"{emphasis added}

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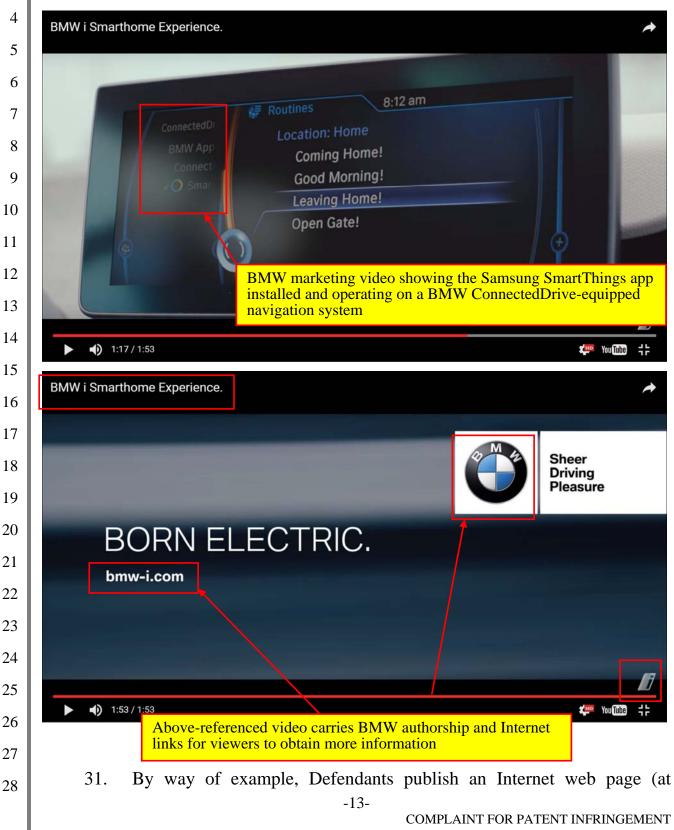
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SmartThings application installed, and showing an actual working version (a true
 and correct copy of relevant portions of these webpages are attached hereto as
 Exhibit O):

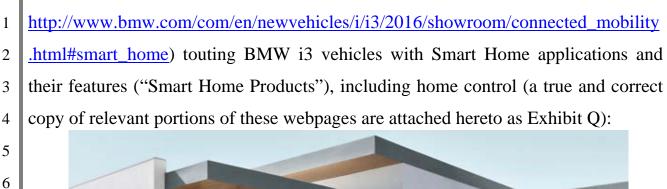


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¹ Samsung SmartThings application installed, and showing an actual working version
 ² (a true and correct copy of relevant portions of these webpages are attached hereto
 ³ as Exhibit P):



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"Manage your home even when you're out on the road – with the Smart Home App 15 from Deutsche Telekom. All Smart Home devices connected to the app can now be 16 controlled via the display and operating system of your BMW. Regulate the 17 heating, the lights or your alarm system comfortably from inside your vehicle. It's 18 also possible to programme certain situation, such as the "Coming Home" scenario. 19 Thanks to the functions that were specially developed for use in the vehicle, the 20 "Home" profile is activated automatically as soon as you start heading back home." 21 {emphasis added} 22

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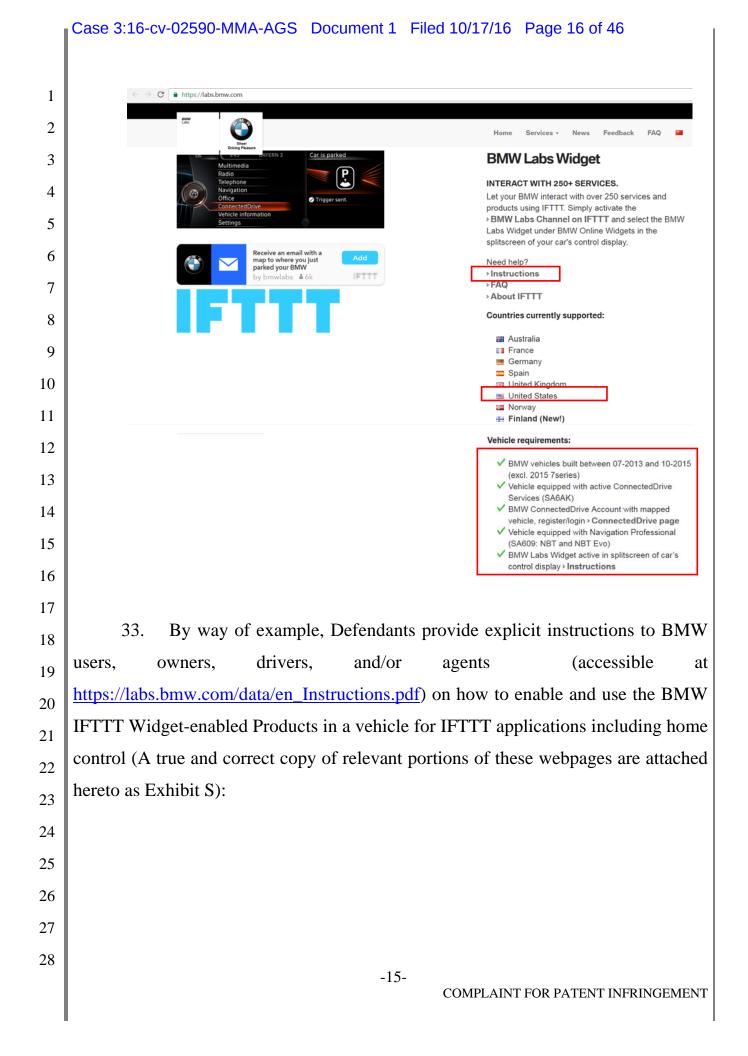
11

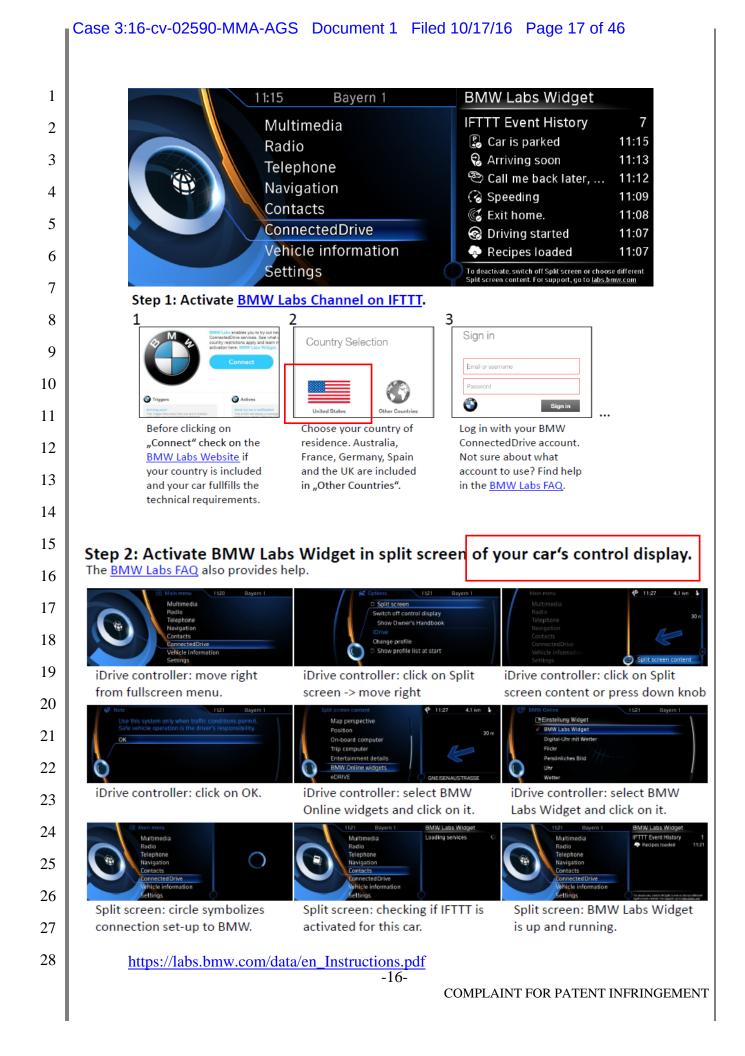
12

13

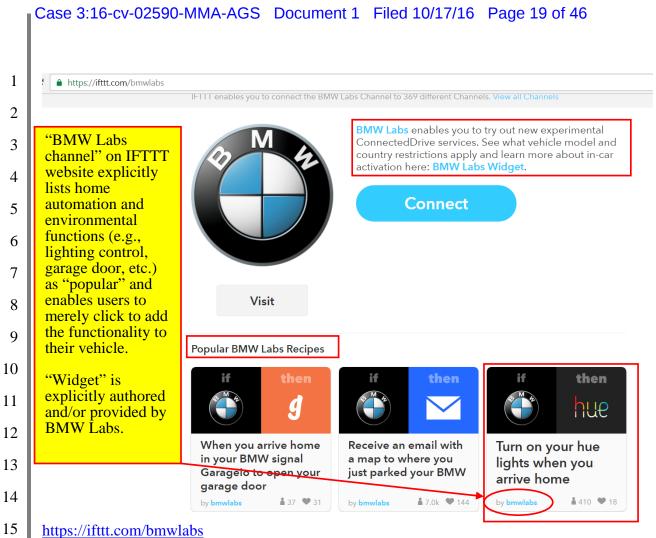
14

32. By way of example, Defendants publish an Internet web page 24 (accessible at https://labs.bmw.com/) touting BMW IFTTT applications and their 25 features (BMW IFTTT Widget-enabled Products), including home control (A true 26 and correct copy of relevant portions of these webpages are attached hereto as 27 Exhibit R):









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17 34. Upon information and belief, as a result of Defendants' active, 18 knowing, intentional, and ongoing efforts that induce infringement of the Patents-in-19 Suit, including the '053 patent and '367 patent, as described herein, substantially all 20 of Defendants' customers and sales or technical personnel, owners, and/or drivers of 21 the Accused Products and Services use and operate the Accused Products and 22 Services in a manner that directly infringes one or more of the Patents-in-Suit, 23 including the '053 patent and '367 patent.

24 35. Through publication and dissemination of the foregoing materials, as 25 well as others, Defendants actively encourage, solicit, enable, and teach past, 26 current, and prospective customers, owners, and/or drivers of the Accused Products 27 and Services to avail themselves of the features and benefits of at least the Roadside

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Assistance Services, Remote Services, "Smart Home", and "IFTTT Widget enabled" technologies, as a means to enhance the experience of owning and
 operating an "BMW"-branded vehicle.

<u>COUNT I</u>

INFRINGEMENT OF THE '053 PATENT

36. West View Research incorporates paragraphs 1 through 35 by reference
as if fully stated herein.

37. Defendants have been and are directly infringing literally and/or under
the doctrine of equivalents, at least claims 1, 2, 3, 7, 8, 10, 12, 13, 14, 15, 23, 24, 25,
26, 27, 28, 29, 30, 32, 33, 35, 36, 39, 40, 41, 45, 48, 51, 59, 60, 61, 66, 67, 68, 69,
70, 73, 75, 75, 115, 116, 117, 118, 119, 120, 122, 123, 124, 125, 126, 127, 128, 141,
142, 143, 144, 145, 146, 147, 148, 149, 150, 160, 161, 162, 163, 164, 165, 166, 167,
168, 169, 172, 173, 174, 175, 176, and 180 of the '053 patent.

38. Defendants have directly infringed, and continue to directly infringe, 14 either literally and/or under the doctrine of equivalents, in violation of 35 U.S.C. § 15 271(a), by making, using, selling, offering for sale, and/or importing in or into the 16 United States, without authority products and/or services that infringe at least claims 17 60, 61, 66, 67, 68, 69, 70, 73, 75, 75, 115, 116, 117, 118, 119, 120, 122, 123, 124, 18 19 125, 126, 127, 128, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 172, 173, 174, 175, 176, and 180 of the '053 20 patent, which products and/or services include but may not be not limited to BMW 21 iDrive Products, BMW ConnectedDrive, BMW Assist, and BMW Roadside 22 Assistance Products and Services, Touchscreen Products, Touchscreen and Tablet 23 Products, Entertainment Professional Products, Tablet Products, and/or other 24 Accused Products or Services sold or offered for sale on or after March 29, 2016. 25

39. Defendants have been and are directly infringing literally and/or under
the doctrine of equivalents, at least claims 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 35,
36, 39, 40, 41, 45, 48, 98, 99, 100, 101, 102, 103, 104, 105, 106, 111, 112, 113, 181,

-19-

182, 183, 184, 185, 186, 187, 188, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199,
 200, 201, 202, 203, and 204 of the '053 patent.

40. By way of example, Defendants have been and are directly infringing
literally and/or under the doctrine of equivalents, claim 23 of the '053 patent as
follows.

6 41. The Accused Products and Services include the BMW Roadside
7 Assistance Application, which is promoted on BMW websites as detailed *supra*.

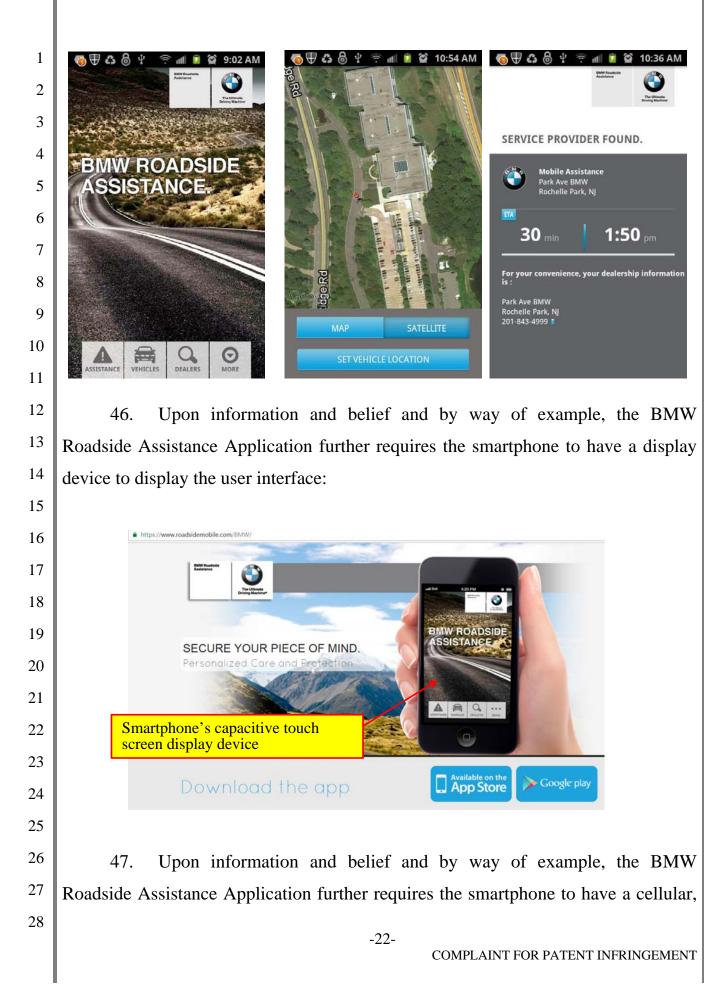


18 42. Upon information and belief and by way of example, the BMW 19 Roadside Assistance Application is available for download on, *inter alia*, *Google* 20 Android-based smartphones, as shown in the image above, and *[r]equires Android* 21 2.2 the and Google Play Website: up" per 22 (https://play.google.com/store/apps/details?id=com.allstate.bmw&hl=en)

43. Upon information and belief and by way of example, the BMW
Roadside Assistance Application requires the smartphone to have: (i) a computer
readable storage apparatus, such as a program memory device, on which to store the
Application (computer program code); and (ii) a processor to execute the computer
program code after storage:

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1	BMW Roadside App requires 2.6Mb of storage, and Android 2.2					
2	ADDITIONAL INFORMATION O/S (execution environment) or later on					
3	UpdatedSizeInstallsSeptember 2, 20122.6M10,000 - 50,000the host smartphone					
4	Current VersionRequires AndroidContent Rating3.2.02.2 and upEveryone					
5	Learn more					
6	Interactive Elements Permissions Report Shares Location View details Flag as inappropriate					
7	Offered By Developer Signature Motor Club, Visit website Inc. Email BMWAppTechSupport@allstate.com					
8						
9	44 Upon information and halisf and her way of avanuals the DMW					
10	44. Upon information and belief and by way of example, the BMW					
11	Roadside Assistance Application further utilizes the smartphone's Global					
12	Positioning System (GPS)-based receiver for the GPS-based functions described					
13	below (i.e., generation of location data):					
14	"When there is a problem or an emergency, <u>BMW Roadside</u>					
15	Assistance dispatches fast and reliable service all with the touch of a					
16	button. Your phone's GPS capabilities will be able to pass on your exact location. And from there, you'll be able to select the service you					
17	need, including towing, battery, tire, fuel, lock out and more."					
18	{emphasis added}					
19	http://www.bmwusa.com/Standard/Content/Explore/BMWValue/BM WRoadsideAssistance/SmartphoneApp.aspx					
20	w RoadsideAssistance/smartphoneApp.aspx					
21	45. Upon information and belief and by way of example, the BMW					
22	Roadside Assistance Application when executed generates several user interface					
23	screens with which the user can interact with the Application:					
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27						
28						
	-21- COMPLAINT FOR PATENT INFRINGEMENT					

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Case 3:16-cv-02590-MMA-AGS Document 1 Filed 10/17/16 Page 24 of 46 Wi-Fi or other wireless interface so that the Application can contact BMW or its 1 designated proxy (agent): 2 3 "Version 3.2.0 can access: 4 5 Identity 6 find accounts on the device 7 Contacts 8 find accounts on the device 9 Location 10 approximate location (network-based) 11 precise location (GPS and network-based) 12 13 Wi-Fi connection information 14 view Wi-Fi connections 15 Device ID & call information 16 read phone status and identity 17 Other 18 receive data from Internet 19 view network connections 20 connect and disconnect from Wi-Fi 21 full network access 22 use accounts on the device 23 ..." https://play.google.com/store/apps/details?id=com.allstate.bmw&hl=en {emphasis 24 added} 25

48. Upon information and belief and by way of example, the BMW
Roadside Assistance Application contacts BMW or its designated service provider
to cause provision of roadside assistance (e.g., tow, fuel delivery, flat tire repair,

	Case 3:16-cv-02590-MMA-AGS Document 1 Filed 10/17/16 Page 25 of 46
1	etc.) at the then-current location of the smartphone:
2	🧑 🕀 เล 🗟 🖞 👳 📶 🔋 😭 10:36 AM
3	
4	SERVICE PROVIDER FOUND.
5	Mobile Assistance Park Ave BMW
6	Rochelle Park, Nj
7	30 min 1:50 pm
8	For your convenience, your dealership information is :
9	Park Ave BMW Rochelle Park, Nj 201-843-4999 *
10	
11	
12	49. Upon information and belief and by way of example, the BMW
13	Roadside Assistance Application is presently available and can be used in the United
14	States:
15	"The BMW Roadside Assistance app has been carefully designed to make
16	requesting assistance faster, more accurate and convenient; a premium ownership
17	experience, when you need it.
18	Functions:
19	• <u>Request assistance</u> for a mechanical issue, dead battery, flat tire, out of fuel,
20	lock out, and more
21	• Select a preferred dealer to contact for appointments and as a default service destination
22	• Use GPS, maps and satellite to pinpoint the vehicle location
23	• Follow a dialogue assisting you in diagnosing the problem and requesting
24	appropriate service • Patriava confirmation convice is on the year and the estimated time of
25	• <u>Retrieve confirmation service is on the way and the estimated time of</u> arrival
26	• Your BMW's Vehicle Identification Number (VIN) confirms eligibility for
27	Roadside Assistance, as covered by BMW*
28	Only available for North American Vehicles."
	-24- COMPLAINT FOR PATENT INFRINGEMENT

- https://www.roadsidemobile.com/BMW/ {emphasis added}
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50. Defendants have directly infringed, and continue to directly infringe, either literally and/or under the doctrine of equivalents, in violation of 35 U.S.C. § 271(a), by at least developing, testing, maintaining, demonstrating, and/or using in the United States, without authority, products and/or services that infringe at least claims 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 35, 36, 39, 40, 41, 45, 48, 98, 99, 100, 101, 102, 103, 104, 105, 106, 111, 112, 113, 181, 182, 183, 184, 185, 186, 187, 188, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, and 204 of the '053 patent, which products and/or services include but may not be not limited to BMW Connected, BMW Remote, and BMW Roadside Assistance Products and Services, and/or other Accused Products or Services sold or offered for sale on or after March 29, 2016.

51. Upon information and belief, based on the information presently 14 available to West View Research absent discovery, in addition to and/or in the alternative to direct infringement, West View Research alleges Defendants have, 16 since receiving notice of the filing and/or service of this Complaint, induced infringement and continue to induce infringement of at least claims 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 35, 36, 39, 40, 41, 45, 48, 98, 99, 100, 101, 102, 103, 104, 105, 106, 111, 112, 113, 181, 182, 183, 184, 185, 186, 187, 188, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, and 204 of the '053 patent under 35 U.S.C. § 271(b).

52. Upon information and belief, Defendants continue, since receiving notice of the filing of the this Complaint, actively, knowingly, and intentionally induced, and continue to actively, knowingly, and intentionally induce, infringement of the '053 patent by making, using, selling, offering for sale, importing, and/or otherwise supplying products and/or services including the Accused Products and Services to third parties, with the knowledge and specific intent that such third

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1 parties will use, sell, offer for sale, and/or import, products and/or services supplied by Defendants, including without limitation the Roadside Assistance, iDrive with 2 Applications Products, and Touchscreen and Tablet Products of the Accused 3 Products and Services to directly infringe the '053 patent. 4

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53. Upon information and belief, despite Defendants' knowledge of the existence of the '053 patent since at least as early as the filing of this Complaint, 6 Defendants continue to encourage, instruct, enable and otherwise aid and abet third 7 parties, including but not limited to Defendants' customers and sales or technical 8 9 personnel, Defendants' agents, owners, and/or drivers of the Accused Products and Services to use the Accused Products and Services in a manner that directly 10 11 infringes the '053 patent.

54. Upon information and belief, Defendants specifically intends that their 12 customers and sales or technical personnel, Defendants' agents, owners, and/or 13 drivers use the Accused Products and Services in such a way that directly infringes 14 the '053 patent by, at a minimum, advertising, enticing, encouraging, instructing, 15 16 and aiding and abetting their customers, agents, owners, and/or drivers, through the publication and dissemination of marketing materials, detailed operational manuals, 17 on-line instructional videos, links to vendors or Internet sites where computer 18 software can be obtained, and/or technical assistance related to the Accused 19 20 Products and Services, to use, sell, offer for sale, and/or import, products and/or 21 services supplied by Defendants, including the Accused Products and Services, to directly infringe the '053 patent. 22

55. Upon information and belief. Defendants knew and know that their 23 actions, including but not limited to providing detailed operating manuals, press 24 releases, instructional on-line videos, and other literature, in relation to the Accused 25 Products and Services, would induce, have induced, and continues to induce direct 26 infringement of the '053 patent by third parties, including but not limited to 27 Defendants' customers and sales or technical personnel, Defendants' agents, owners, 28

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1 and/or drivers.

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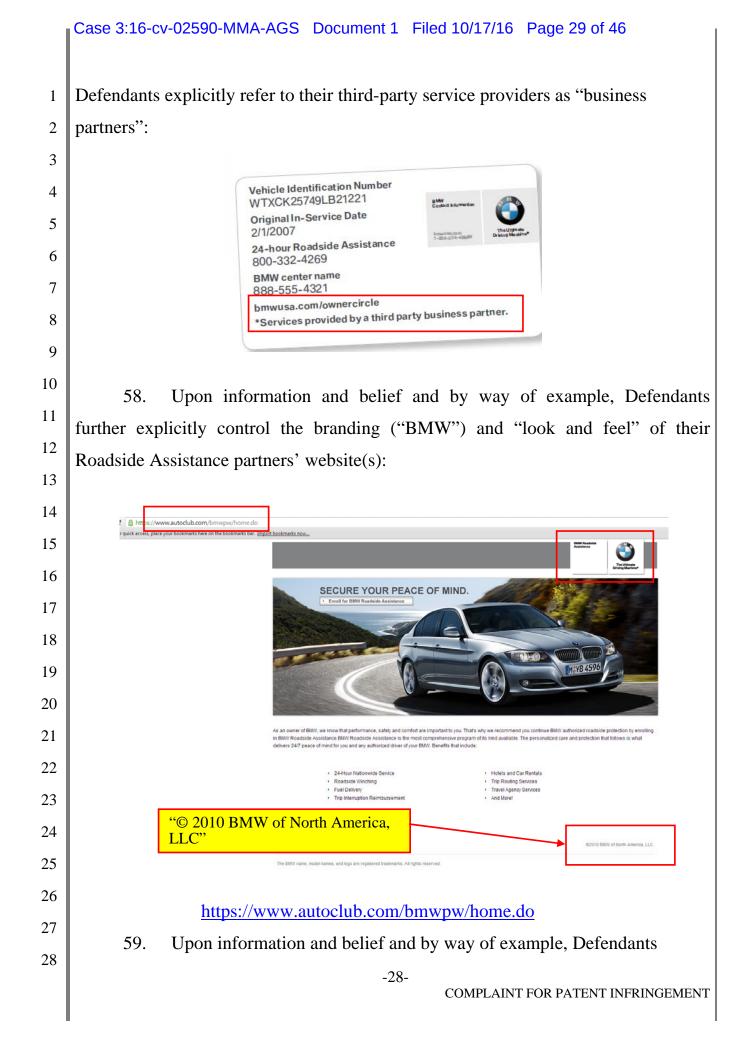
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56. Specifically, upon information and belief and by way of example, 2 Defendants exercise direction and control over the performance and conduct of the 3 BMW Mobile Assistance/Roadside Assistance programs, as is provided in 4 agreements with service providers such as Allstate, Signature Auto Club, and 5 6 individual BMW dealers (as well as non-BMW service providers). Per its Roadside brochure 7 Assistance (accessible at http://www.bmwusa.com/Standard/Content/Explore/BMWValue/BMWRoadsideAss 8 istance/default.aspx?from=/Standard/Content/Explore/BMWValue/BMWRoadsideA 9 ssistance.aspx&return=/Standard/Content/Explore/BMWValue/BMWRoadsideAssis 10

- 11 <u>tance.aspx</u>), Defendants indicate that: (i) BMW <u>factory-trained</u> technicians are used
- to provide such services, and (ii) BMW vehicles are used to provide such services: 12 "The BMW Mobile Assistance Program is an invaluable service 13 offered to enhance the Roadside Assistance program. It is another way 14 for us to show you how much we cherish your business and your 15 safety. With "BMW Mobile Assistance, BMW factory-trained technicians and roadside-equipped BMW vehicles are standing by to 16 provide on-site assistance for flat tires, a dead battery, running out of 17 gas and other services. For complete details, please contact your 18 <u>BMW center</u>." {emphasis added}



57. Moreover, upon information and belief and by way of example,



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1	further explicitly have customers call "BMW Roadside Assistance directly" (as		
2	opposed to calling a third party):		
3			
4	"To receive covered assistance in the event of a breakdown, <u>contact</u>		
5	<u>BMW Roadside Assistance directly</u> at its toll-free number: 800-332- 4 <u>BMW</u> (800-332-4269)." {emphasis added}		
6			
7	60. Upon information and belief and by way of example, Only certain		
8	BMW-authorized repair facilities may be used for certain vehicles:		
9			
10	🧠 🕀 🖧 🗟 🖞 👳 📶 🗑 💢 10:36 AM		
11			
12	BMW Authorized dealer shown providing Roadside Assistance		
13	service on BMW Roadside Assistance smartphone app		
14	Park Ave BMW Rochelle Park, Nj		
15	30 min 1:50 pm		
16	For your convenience, your dealership information		
17	Park Ave BMW Rochelle Park, Nj 2013 424 apos -		
18	201-043-4333		
19	"Only BMW SAV centers are authorized to repair the X5 and X3		
20	Sports Activity Vehicles." {emphasis added}		
21			
22	61. Upon information and belief and by way of example, Defendants		
23 24	further explicitly control the contents of its Roadside Assistance brochure (as		
24 25	opposed to a third party):		
25 26	"All rights reserved. Printed in USA. This brochure, or any portion		
20 27	thereof, may not be reproduced without the express written permission		
27	of BMW of North America, LLC." {emphasis added}		
20	-29- COMPLAINT FOR PATENT INFRINGEMENT		

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62. West View Research has no adequate remedy at law against these acts of patent infringement. Defendants' actions complained of herein are causing irreparable harm and damages to West View Research and will continue to do so unless and until Defendants are permanently enjoined by the Court.

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63. As a direct and proximate result of the acts of patent infringement by Defendants, West View Research has been damaged and continues to be damaged in an amount not presently known.

⁹ 64. West View Research has incurred and will incur attorneys' fees, costs,
¹⁰ and expenses in the prosecution of this action. The circumstances of this dispute
¹¹ create an exceptional case within the meaning of 35 U.S.C. § 285, and West View
¹² Research is entitled to recover its reasonable and necessary fees and expenses.

COUNT II

INFRINGEMENT OF THE '367 PATENT

¹⁶ 65. West View Research incorporates paragraphs 1 through 64 by reference
¹⁷ as if fully stated herein.

18 66. Defendants have been and are directly infringing literally and/or under
19 the doctrine of equivalents, at least claims 10, 11, 12, 15, 16, 17, 18, 77, 79, 88, 96,
20 97, 98, and 99 of the '367 patent.

²¹ 67. Defendants have directly infringed, and continue to directly infringe,
²² either literally and/or under the doctrine of equivalents, in violation of 35 U.S.C. §
²³ 271(a), by making, using, selling, offering for sale, and/or importing in or into the
²⁴ United States, without authority products that infringe at least claims 10, 11, 12, 15,
²⁵ 16, 17, 18, 77, 79, 88, 96, 97, 98, and 99 of the '367 patent, which products include
²⁶ but may not be not limited to BMW iDrive Products, BMW ConnectedDrive
²⁷ Products, BMW iDrive with Applications Products, Touchscreen-based iDrive

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Products, Touchscreen and Tablet Products, Rear Seat Entertainment Products, 1 and/or other of the Accused Products and Services sold on or after August 9, 2016. 2

68. By way of example, Defendants have been and are directly infringing 3 literally and/or under the doctrine of equivalents, claim 10 of the '367 patent as 4 follows. 5

6 69. The Accused Products and Services include the 2016 BMW 7-Series, promoted on the BMW USA website as 7 which is shown below at http://www.bmwusa.com/vehicles/7series.html: 8



70. Upon information and belief and by way of example, the 2016 BMW 7-22 Series includes a BMW iDrive Navigation and Infotainment system with 23 ConnectedDrive functionality, which is a computerized information and display and 24 control subsystem of the vehicle:

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"ALL CONTROL AT ALL TIMES. State-of-the-art features in the 7 Series give you the opportunity

to orchestrate them in the most advanced ways. Whether navigating

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the iDrive 5.0 system with the first-ever Gesture Control system, toggling entertainment functions with simple touches of your finger on the exclusive Touch Command tablet, Remote Control Parking the 7 Series with the Display Key, or preconditioning the cabin in the iPerformance model – every time you step foot in the 7 Series you'll find yourself at the <u>center of command</u> within the center of your own luxurious universe." <u>http://www.bmwusa.com/vehicles/7series.html</u> {emphasis added}

71. Upon information and belief and by way of example, the 2016 BMW 7-

Series includes an LTE-based wireless network interface, as well as an LTEsupported Wi-Fi "hotspot":

With the BMW Car Hotspot your passengers can also surf the Internet with their smartphones, tablets or laptops at any time during the journey. Installation of the hotspot is quick and easy thanks to the snap-in adapter in the central armrest. Up to eight devices can receive high-speed Internet at the same time with the new LTE (longterm evolution) wireless communication standard. Wi-Fi in your BMW permits faster data transfer, improved reception, reduced electromagnetic radiation and extended battery life. It can also be used outside of the vehicle for up to 30 minutes.

Requirements/availability

Requirements: • own LTE-capable SIM card necessary

- an 8-digit PIN has to be entered when first establishing a connection with the Hotspot. For devices with NFC (Near Field Communication) technology, simply move the device a short distance above the LTE lettering, and coupling takes place automatically
 The PMW Core Material LTE is not environment of the source o
- The BMW Car Hotspot LTE is not available in all countries
- http://www.bmw.com/com/en/insights/technology/connecteddrive/2013/conn

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27 <u>ectivity_technologies/index.html#hotspot</u>

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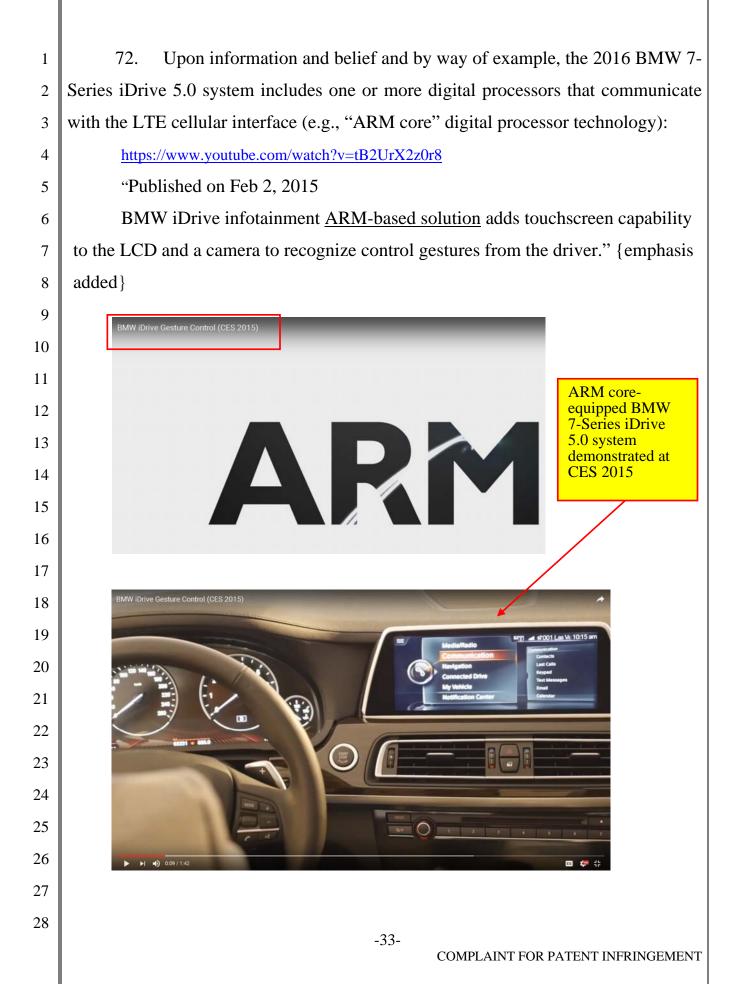
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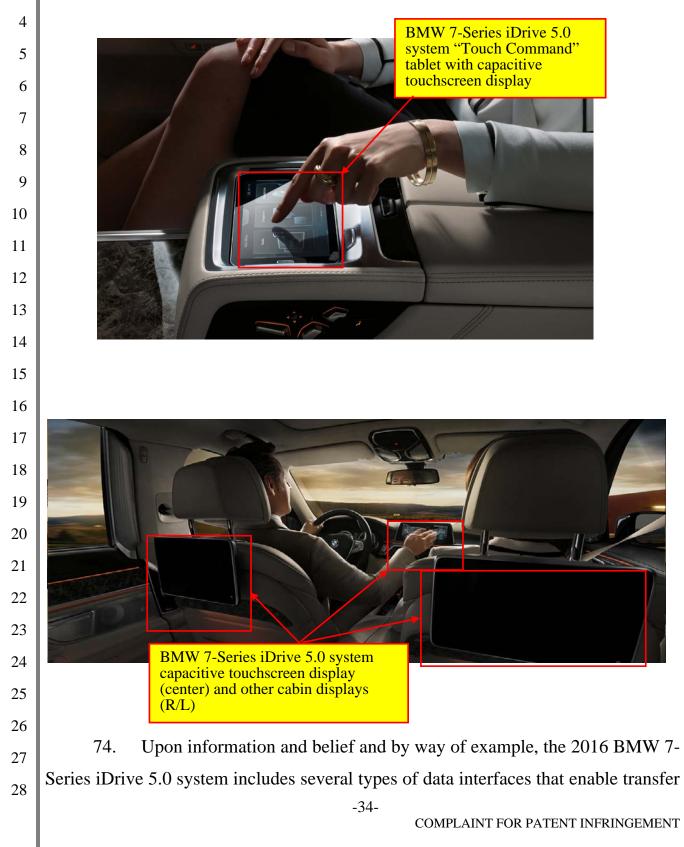
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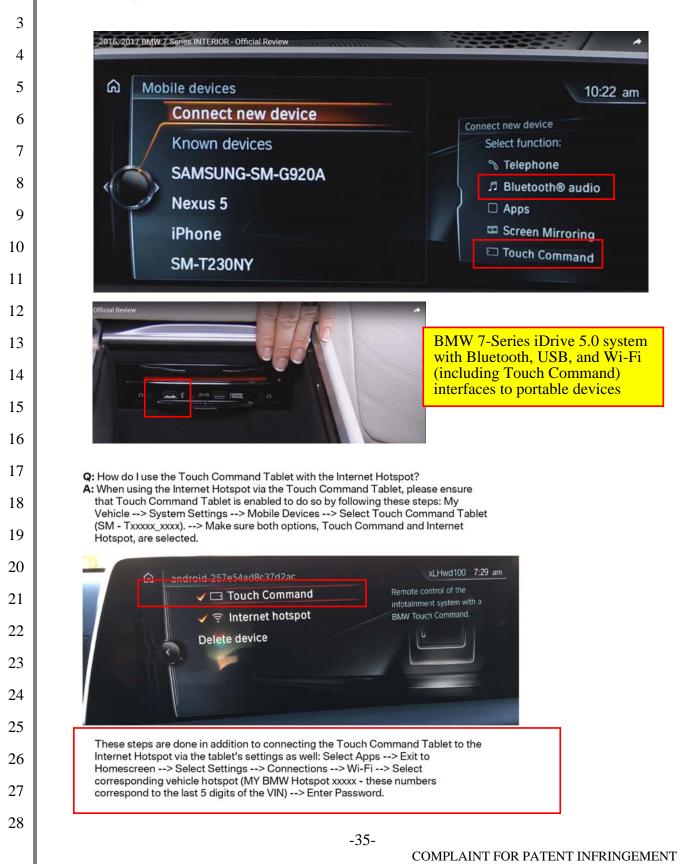


73. Upon information and belief and by way of example, the 2016 BMW 7 Series iDrive system includes several display devices, including capacitive touch
 screen devices that both display and receive user touch input:

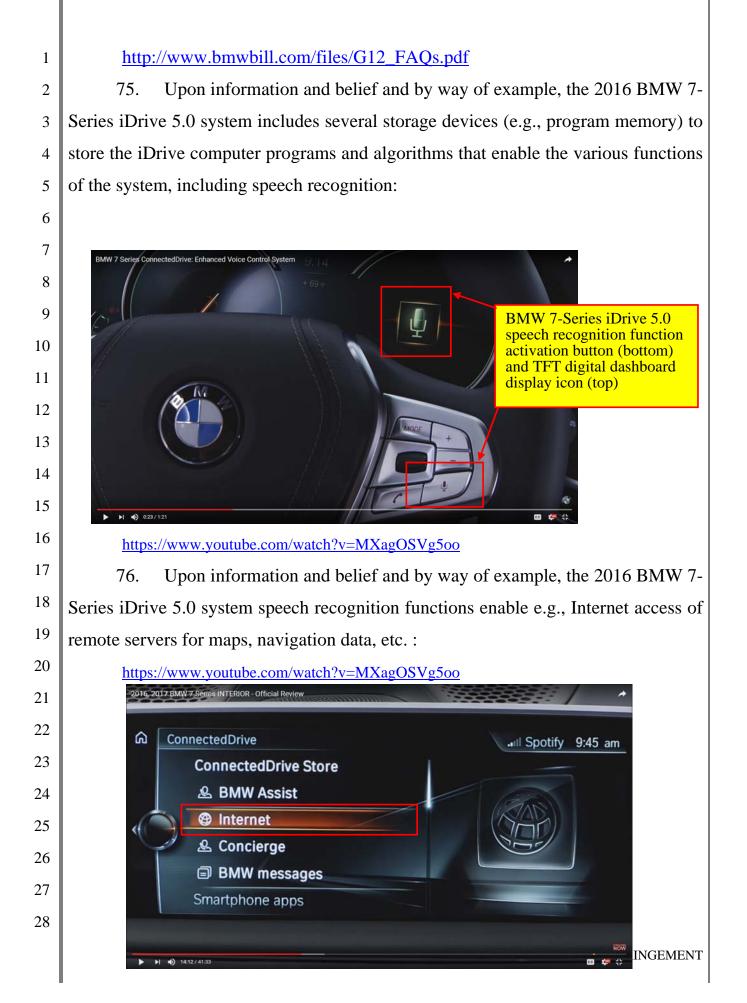


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of data between the iDrive system and a portable electronic device (such as the
 user's smartphone, table, or Touch Command tablet):



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2 77. Upon information and belief and by way of example, the 2016 BMW 73 Series iDrive 5.0 system speech recognition can also utilize a remote (off-board)
4 server for its speech processing:



78. Upon information and belief and by way of example, the 2016 BMW 7Series iDrive 5.0 system accesses the servers for the desired information, and is able
to provide the accessed information to the aforementioned portable user devices

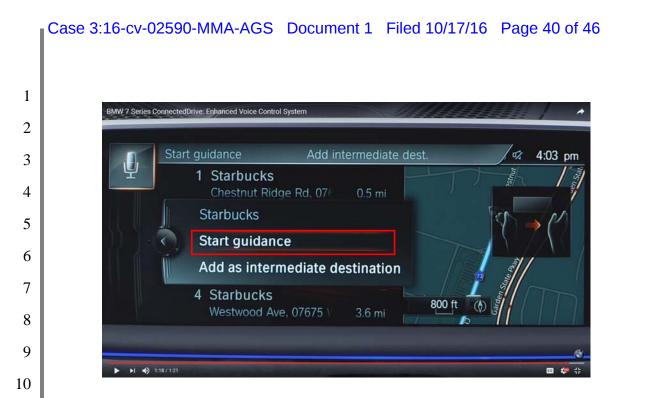
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(e.g., the user's smartphone for use with BMW Connected app, Touch Command tablet, etc.) via the USB, Bluetooth, and/or in-car Wi-Fi interfaces:

С M	obile devices	1
	Connect new device	Connect new device
	Known devices	Select function:
	SAMSUNG-SM-G920A	
<(()		パ Bluetooth® audi
	Nexus 5	Apps
	iPhone	🖾 Screen Mirroring
	SM-T230NY	Touch Command

79. Upon information and belief and by way of example, the 2016 BMW 7-Series iDrive 5.0 system engages the user in an interactive dialogue comprising a user speech input (e.g., "find me the nearest Starbucks" in video example above), and one or more replies by iDrive system speech synthesis function (e.g., "Starbucks Coffee..." in video example), and subsequent user inputs (e.g., "Start guidance" in example video).





80. Upon information and belief and by way of example, the 2016 BMW 7-Series iDrive 5.0 system includes an infra-red night vision apparatus which can detect humans, animals, etc. in the road ahead of the vehicle, and generate various types of alerts on the iDrive display(s):

"BMW Night Vision.

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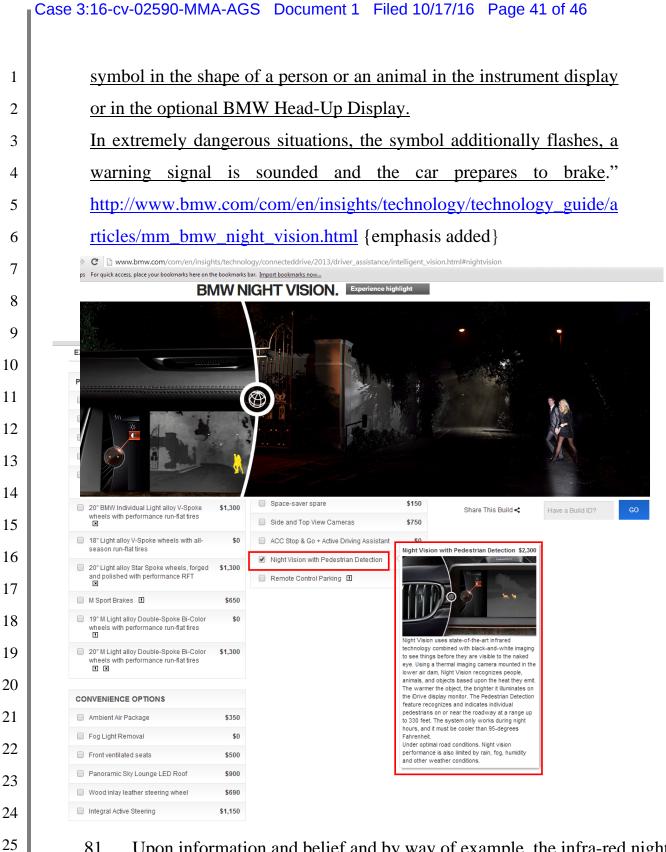
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...The system directs one of the two spotlights onto any unlit persons or larger animals. This very effectively warns drivers and pedestrians of a potentially hazardous situation. <u>An infrared camera films the area</u> <u>in front of the vehicle</u>, recognises any persons and larger animals and marks them accordingly in the thermal image in either a lighter (pedestrians) or darker shade of yellow (larger animals). <u>The thermal</u> <u>image can also be displayed in the Control Display if desired.</u>

BMW Night Vision recognises people and larger animals and determines their position and proximity. It takes the speed and steering angle into consideration to establish whether or not something poses a problem and, <u>if there is one, shows a warning</u>

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²⁵ 81. Upon information and belief and by way of example, the infra-red night
 ²⁶ vision apparatus (and all other features described herein) are available on 2016
 ²⁷ BMW 7-Series cars sold in the U.S.:

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82. Upon information and belief and by way of example, the 2016 BMW 7-2 Series includes an RF-based "smart" key which the user carries and that 3 communicates with the iDrive 5.0 system:



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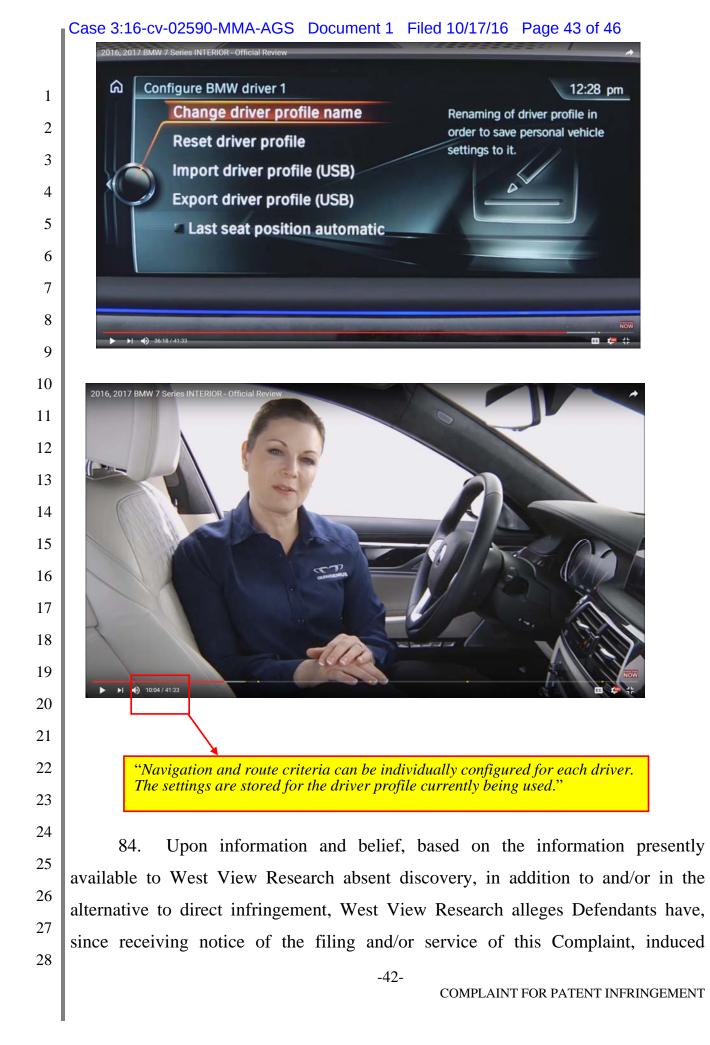
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83. Upon information and belief and by way of example, the RF-based "smart" key can, inter alia, enable user-specific profiles and functions within the vehicle, such as e.g., navigation functions:





1 infringement and continue to induce infringement of at least claims 83, 84, 85, 86 and 87 of the '367 patent under 35 U.S.C. § 271(b). 2

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Upon information and belief, Defendants continue, since receiving 85. notice of the filing of the this Complaint, actively, knowingly, and intentionally 4 induced, and continue to actively, knowingly, and intentionally induce, infringement 5 6 of the '367 patent by making, using, selling, offering for sale, importing, and/or otherwise supplying products and/or services including the Accused Products and 7 Services to third parties, with the knowledge and specific intent that such third 8 9 parties will use, sell, offer for sale, and/or import, products and/or services supplied by Defendants, including at least the BMW iDrive Products with Applications, 10 Smart Home Products, and IFTTT Widget-enabled Products of the Accused 11 Products and Services to directly infringe the '367 patent. 12

86. Upon information and belief, despite Defendants' knowledge of the 13 existence of the '367 patent since at least as early as the filing of this Complaint, 14 Defendants continue to encourage, instruct, enable and otherwise aid and abet third 15 16 parties, including but not limited to Defendants' customers and sales or technical personnel, Defendants' agents, owners, and/or drivers of the Accused Products and 17 Services to use the Accused Products and Services in a manner that directly 18 infringes the '367 patent. 19

20 87. Upon information and belief, Defendants specifically intended that their 21 customers and sales or technical personnel, Defendants' agents, owners, and/or drivers use the Accused Products and Services in such a way that directly infringes 22 the '367 patent by, at a minimum, advertising, enticing, encouraging, instructing, 23 and aiding and abetting their customers, agents, owners, and/or drivers, through the 24 25 publication and dissemination of marketing materials, detailed operational manuals, 26 on-line instructional videos, and/or technical assistance related to the Accused Products and Services, to use, sell, offer for sale, and/or import, products and/or 27 services supplied by Defendants, including the Accused Products and Services, to 28 -43-

1 directly infringe the '367 patent.

88. Upon information and belief, Defendants knew and know that their
actions, including but not limited to providing detailed operating manuals, press
releases, instructional on-line videos, and other literature, in relation to the Accused
Products, would induce, have induced, and continues to induce direct infringement
of the '367 patent by third parties, including but not limited to Defendants'
customers and sales or technical personnel, Defendants' agents, owners, and/or
drivers.

9 89. West View Research has no adequate remedy at law against these acts
10 of patent infringement. Defendants' actions complained of herein are causing
11 irreparable harm and damages to West View Research and will continue to do so
12 unless and until Defendants are permanently enjoined by the Court.

90. As a direct and proximate result of the acts of patent infringement by
Defendants, West View Research has been damaged and continues to be damaged in
an amount not presently known.

91. West View Research has incurred and will incur attorneys' fees, costs,
and expenses in the prosecution of this action. The circumstances of this dispute
create an exceptional case within the meaning of 35 U.S.C. § 285, and West View
Research is entitled to recover its reasonable and necessary fees and expenses.

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PRAYER FOR RELIEF

West View Research respectfully requests that judgment be entered in its
favor and against Defendants, and that the Court award the following relief to West
View Research:

A. A judgment in favor of West View Research that Defendants have
infringed, directly and/or indirectly, the Patents-in-Suit;

B. A permanent injunction against Defendants, its officers, directors,
agents, servants, affiliates, employees, divisions, branches, subsidiaries, parents,
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1	and all others acting in active concert therewith from infringement of the Patents-		
2	in-Suit, or such other equitable relief the Court determines is warranted;		
3	C. A judgment and order that Defendants account for and pay all damages		
4	necessary to adequately compensate West View Research for infringement of the		
5	Patents-in-Suit, but in no event less than a reasonable royalty;		
6	D. A judgment and order finding that this is an exceptional case within		
7	the meaning of 35 U.S.C. § 285 and awarding West View Research its reasonable		
8	attorneys' fees against Defendants;		
9	E. A judgment and order requiring Defendants to provide an accounting		
10	and to pay supplemental damages to West View Research, including without		
11	limitation, pre-judgment and post-judgment interest; and		
12	F. Any and all other relief to which West View Research may be entitled.		
13	JURY DEMAND		
14	West View Research hereby respectfully demands trial by jury of all issues		
15	so triable.		
16			
17	Dated: October 17, 2016 Respectfully submitted,		
18	GAZDZINSKI & ASSOCIATES, P.C.		
19	/s/ Adam Garson		
20	ADAM GARSON FREDERIC G. LUDWIG, III		
21	Attorneys for Plaintiff WEST VIEW RESEARCH, LLC		
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	-45- COMPLAINT FOR PATENT INFRINGEMENT		