

**UNITED STATES DISTRICT COURT  
FOR THE WESTERN DISTRICT OF TEXAS  
WACO DIVISION**

**NAVBLAZER, LLC,**

**Plaintiff**

v.

**MOTOROLA MOBILITY LLC,**

**Defendant**

**Case No. 6:20-cv-0100**

**JURY TRIAL DEMANDED**

**FIRST AMENDED COMPLAINT FOR PATENT INFRINGEMENT**

NavBlazer, LLC (“NavBlazer”) hereby files this First Amended Complaint for Patent Infringement against Motorola Mobility LLC (hereinafter “Motorola” or “Defendant”), and alleges, upon information and belief, as follows:

**THE PARTIES**

1. NavBlazer is a limited liability company organized and existing under the laws of the State of Florida with its principal place of business at 600 S. Dixie Highway, Suite 605, West Palm Beach, Florida 33401.
2. Upon information and belief, Motorola Mobility LLC is a Delaware limited liability company with its principal office located at 222 W. Merchandise Mart Plaza, Suite 1800, Chicago, Illinois 60654.

**JURISDICTION AND VENUE**

3. This Court has subject matter jurisdiction over this case under 28 U.S.C. §§ 1331, 1332, 1338, and 1367.

4. Venue is proper in this District pursuant to 28 U.S.C. §§ 1391 and 1400(b). Motorola is registered to do business in Texas, and upon information and belief, Motorola has transacted business in this District and has committed acts of direct and indirect infringement in this District by, among other things, importing, offering to sell, and selling products that infringe the asserted patents. Upon information and belief, Motorola has regular and established places of business in the District, including authorized repair centers in Austin, Texas. *See* <https://motorola-global-portal.custhelp.com/app/mcp/track-repair/service-center-locator> (last visited June 18, 2020). Upon information and belief, these Authorized Motorola Repair Centers are dedicated to the service and support of Motorola products, including the Accused Products and such service being regularly performed by agents of Motorola in furtherance of Motorola's business. *See, e.g.*, <https://help.motorola.com/hc/apps/settings/legal/global/en-us/index.html?t=CGT1507061106> (last visited June 18, 2020). Upon information and belief, Motorola also employs residents and advertises jobs in this District. *See, e.g.*, <https://lenovocareers.com/areas-mobile.html>.
5. This Court has personal jurisdiction over Motorola. Motorola has continuous and systematic business contacts with the state of Texas. Motorola, directly or through subsidiaries or intermediaries (including distributors, retailers, and others), conducts its business extensively throughout Texas, by shipping, distributing, making, using, offering for sale, selling, and advertising (including the provision of interactive web pages) its products and services in the state of Texas and the Western District of Texas. Motorola, directly and through subsidiaries or intermediaries (including distributors, retailers, and others), has purposefully and voluntarily placed infringing products and services into this district and into the stream of commerce with the intention and expectation that they will be purchased and used by consumers in this district. Motorola has offered and sold and continues to offer and sell these infringing products and services in this District, including at

physical Motorola stores located within this district. Motorola and its customers also commit additional acts of direct infringement in this district with respect to each asserted patent through their infringing use of the accused devices, including Motorola's servers, in this district, including when Motorola and its customers put the accused devices into service and receive a benefit, and Motorola is liable for these additional acts of direct infringement and indirect infringement in this district. Motorola has committed acts of infringement, both direct and indirect, in this district with respect to each asserted patent and has a regular and established place of business in this judicial district.

**U.S. PATENT NOS. 9,075,136 AND 9,885,782**

6. NavBlazer is the owner, by assignment, of U.S. Patent No. 9,075,136 and 9,885,782, each entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD" (hereinafter collectively referred to as "the Patents-in-Suit").
7. The patent application that issued as the '782 Patent is a continuation application of U.S. Patent Application Ser. No. 09/259,957, filed March 1, 1999, and entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD", now U.S. Pat. No. 9,075,136. U.S. Patent Application Ser. No. 09/259,957, filed March 1, 1999, claims priority to U.S. Provisional Patent Application Ser. No. 60/076,800, filed March 4, 1998, and entitled "VEHICLE OPERATOR AND/OR OCCUPANT INFORMATION APPARATUS AND METHOD."
8. The Patents-in-Suit are valid, enforceable, and were duly issued in full compliance with Title 35 of the United States Code.
9. The inventions described and claimed in the Patents-in-Suit were invented by Raymond Anthony Joao.
10. The priority date of each of the Patents-in-Suit is at least as early as March 4, 1998.

11. The Patents-in-Suit relate generally to an apparatus and method for providing a user with one or more possible travel routes to a destination, as well as additional information regarding the one or more possible travel routes, such as traffic conditions, road conditions, traffic flow, weather information and/or other useful information.
12. During prosecution of the '782 Patent, the patent examiner considered whether the claims of the '782 Patent were eligible under 35 USC §101 in view of the United States Supreme Court's decision in *Alice*. The patent examiner found that the claims are in fact patent eligible under 35 USC §101 because all pending claims are directed to patent-eligible subject matter, none of the pending claims are directed to an abstract idea and there would be no preemption of the abstract idea or the field of the abstract idea.

### **ACCUSED INSTRUMENTALITIES**

13. Upon information and belief, Motorola sells, advertises, offers for sale, uses, or otherwise provides mobile devices that utilize the Android operating system including, but not limited to, the "Motorola Razr," "Moto Z<sup>3</sup>," "Moto Z<sup>4</sup>," "Moto Z<sup>3</sup> Play," "Moto G Stylus," "Moto G Power," "Moto G<sup>6</sup>," "Moto G<sup>6</sup> Play," "Moto G<sup>7</sup>," "Moto E<sup>5</sup>," "Moto E<sup>5</sup> Play," "Moto E<sup>6</sup>," "Motorola One," "Motorola One Hyper," "Motorola One Action," and "Motorola One Zoom" series of mobile devices ("Accused Instrumentalities") that infringe the Patents-in Suit.

### **COUNT I**

#### **(Infringement of U.S. Patent No. 9,885,782)**

14. Plaintiff incorporates the above paragraphs by reference.
15. Motorola has been on notice of the '782 Patent at least as early as the date it received service of the Original Complaint.

16. Upon information and belief, Motorola has directly infringed and continues to directly infringe at least Claims 1 and 7 of the '782 Patent by making, using, importing, selling, and/or, offering for sale the Accused Instrumentalities.

17. By way of example, the Accused Instrumentalities infringe Claim 1 of the '782 Patent by use of a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle. Motorola's "Moto G7" is a representative example of the Accused Instrumentalities and is a mobile device (apparatus). See Figure 1 below, which is a screenshot from Motorola's website, showing a picture of the Moto G7.



Figure 1<sup>1</sup> - Motorola's Moto G7

18. The Moto G7 uses a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle.

19. See Figure 2 below, which is a screenshot from Motorola's website, indicating the Moto G7 utilizes

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<sup>1</sup> <https://www.motorola.com/us/products/moto-g-gen-7> - 2/10/20

GPS and A-GPS. A GPS device is necessarily required to utilize GPS and A-GPS. Further, it is well known that GPS location technology determines a location of the apparatus on which the GPS device is installed or located.

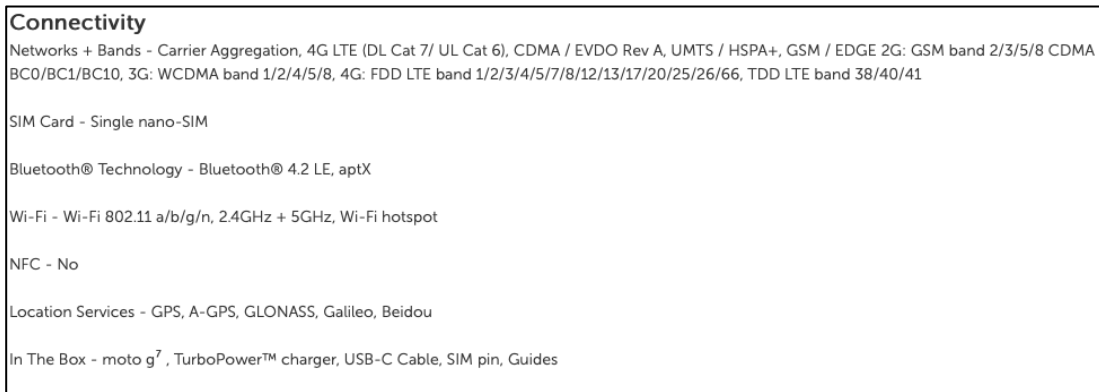


Figure 2<sup>2</sup> - Moto G7 Connectivity

20. See also Figure 3 below, which is a screenshot from Motorola’s website indicating that the Moto G7 is bundled with the Android 9 Pie operating system.

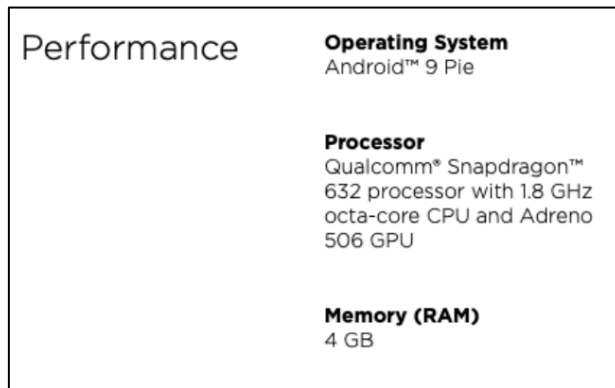


Figure 3<sup>3</sup> - Moto G7 Specifications

21. See also Figure 4 below, which is an excerpt from the Moto G7 User Guide, attached herein as Exhibit A,



<sup>2</sup> <https://support.motorola.com/us/en/products/cell-phones/moto-g-family/moto-g7/documents/MS137727> - 2/10/20


<sup>3</sup> <https://www.motorola.com/us/products/moto-g-gen-7> - 2/10/20

indicating that the Moto G7 is preloaded with the Google Maps application.

## Maps

Find a nearby cafe, get directions or step-by-step GPS voice navigation using Google Maps™.

**Find It:** Swipe up  >  **Maps**

Enter what you want to find in the search bar, or tap  to search by voice.

**Note:** Your map screen may look different.

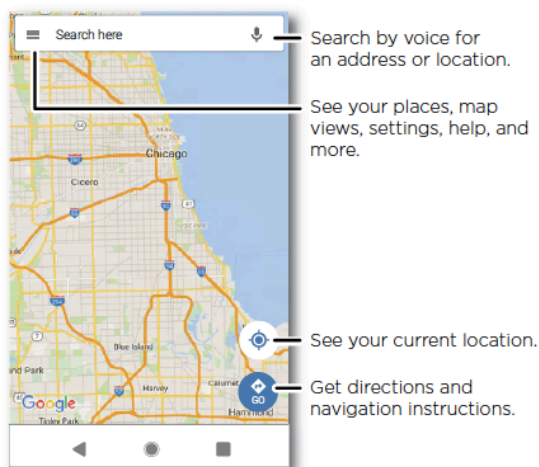


Figure 4<sup>4</sup> - Google Maps Application on the Moto G7

22. See also Figure 5 below, which is a screenshot from Google’s website showing a mock up of the navigation display for Google Maps. The blue arrow indicates the current location of the device.

<sup>4</sup> Moto G7 User Guide – page 24

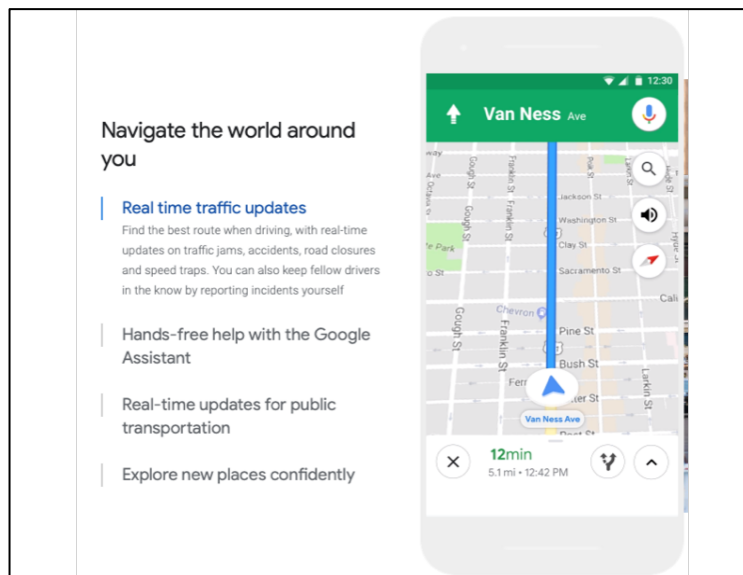


Figure 5<sup>5</sup> - Google Maps navigation display

23. The Moto G7 uses a processing device, wherein the processing device processes information regarding the location of the apparatus or the location of the vehicle and information regarding a destination, wherein the processing device determines or identifies a travel route to the destination on or along a road, a roadway, a highway, a parkway or an expressway.
24. See Figure 3, reproduced below, which is a screenshot from Motorola’s website indicating that it utilizes the Qualcomm Snapdragon 632 processor.

<p><b>Performance</b></p>	<p><b>Operating System</b> Android™ 9 Pie</p> <p><b>Processor</b> Qualcomm® Snapdragon™ 632 processor with 1.8 GHz octa-core CPU and Adreno 506 GPU</p> <p><b>Memory (RAM)</b> 4 GB</p>
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Figure 3 - Moto G7 processor

<sup>5</sup> <https://www.google.com/maps/about/#!#jump-link> - 9/14/19



25. The processing device used in the Moto G7 is necessarily used to process the information regarding the location of the apparatus or vehicle and the destination, as well as to calculate the travel route to the destination using the Google Maps application that is included with the Moto G7.
26. See also Figure 5, reproduced below, which is a screenshot from Google's website showing a mock up of the navigation display for Google Maps, which is included with the Moto G7. The blue arrow indicates the current location of the device and the blue line identifies the route to the destination along a road. Further, "12min" indicates the time remaining to the destination, and "5.1 mi • 12:42 PM" indicates the distance to the destination in miles and estimated time of arrival at the destination.

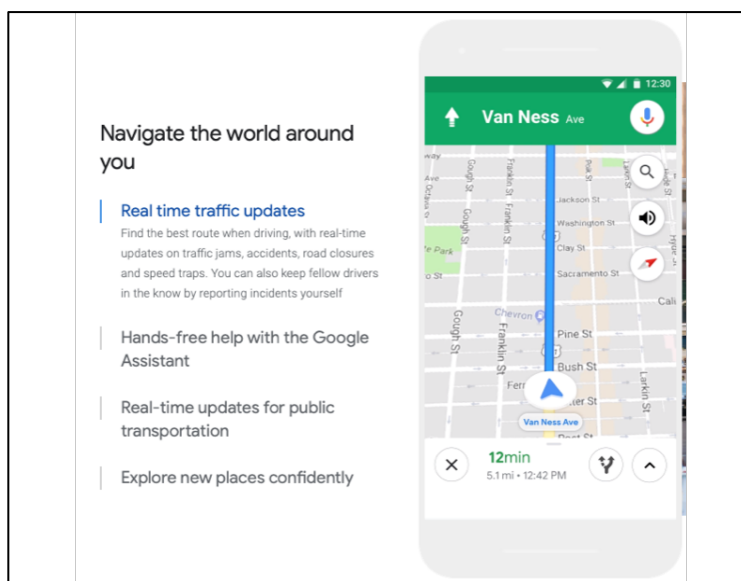


Figure 5 - Google Maps navigation display

27. The Moto G7 uses a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route.
28. See Figure 1, reproduced below, showing the display of the Moto G7.



Figure 1 - Motorola's Moto G7

29. See also Figure 5, reproduced below, which is a screenshot from Google's website showing a mock up of the navigation display for Google Maps, which is included with the Moto G7. The blue arrow indicates the current location of the device and the blue line identifies the route to the destination along a road. Further, "12min" indicates the time remaining to the destination, and "5.1 mi • 12:42 PM" indicates the distance to the destination in miles and estimated time of arrival at the destination.

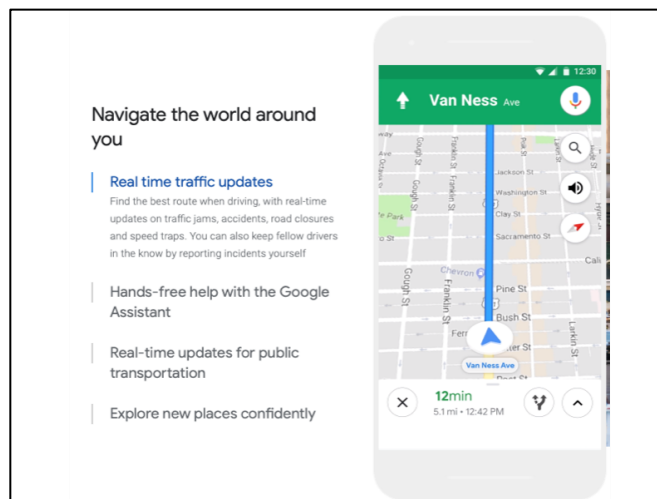


Figure 5 - Google Maps navigation display

30. The Moto G7 uses a receiver, wherein the receiver receives traffic information or information

regarding a traffic condition.

31. See Figure 6 below, which is a screenshot from Google’s website showing a mock up of the navigation display for Google Maps, which is included with the Moto G7. Google Maps is described as providing “Real-time traffic updates” and the mock up of the navigation display shows traffic information being displayed at the bottom of the device display. The device running the Google Maps application, such as the Moto G7, must necessarily include a receiver for receiving real-time traffic information.

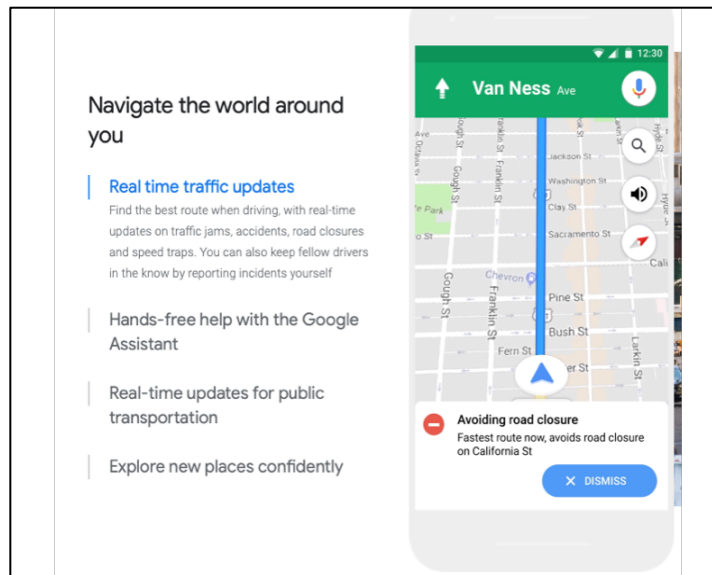


Figure 6<sup>6</sup> - Google Maps navigation display

32. The Moto G7 provides the traffic information or the information regarding a traffic condition via the display device or via the speaker.
33. See Figure 1, reproduced below, showing the display of the Moto G7.

<sup>6</sup> <https://www.google.com/maps/about/#!/#jump-link> - 9/14/19



Figure 1 - Motorola's Moto G7

34. See also Figure 6, reproduced below, which is a screenshot from Google's website showing a mock up of the navigation display for Google Maps, which is included with the Moto G7. Google Maps is described as providing "Real-time traffic updates" and the mock up of the navigation display shows traffic information being displayed at the bottom of the device display.

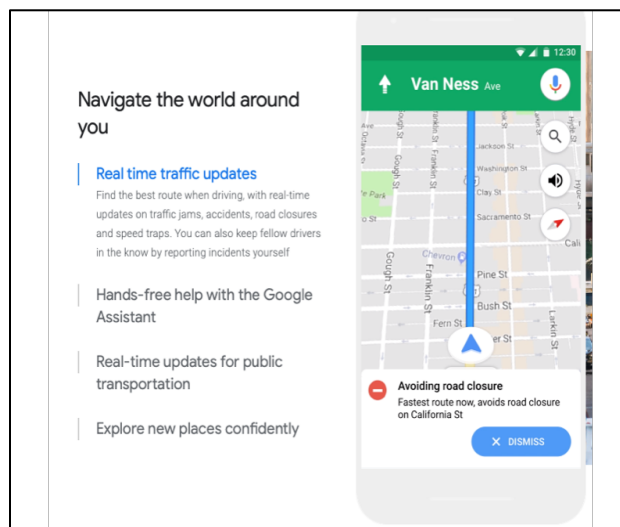


Figure 6 - Google Maps navigation display

35. By way of another example, the Accused Instrumentalities infringe Claim 7 of the '782 Patent by use

of an apparatus that “receives maintenance information associated with the travel route or maintenance information associated with a second travel route to the destination, and further wherein the apparatus provides the maintenance information associated with the travel route or the maintenance information associated with the second travel route via the display device or the speaker.”

36. See Figure 7 below, which is a screenshot from Google’s website explaining the meaning of various visual symbols used in the Google Maps application, which is included in the Moto G7. The visual symbols include symbols indication “road closures” and “construction,” both of which can be considered “maintenance information.” Figure 7 also indicates that “[f]or road closures, you’ll find a dotted red line where the road is closed.” These symbols are visually displayed on the map that is displayed on the display device of the Accused Instrumentalities.



Figure 7<sup>7</sup> - Visual Symbols in the Google Maps Application

<sup>7</sup> [https://support.google.com/maps/answer/3092439?hl=en&ref\\_topic=3093390](https://support.google.com/maps/answer/3092439?hl=en&ref_topic=3093390) – 2/5/20

**COUNT II**

**(Infringement of U.S. Patent No. 9,075,136)**

37. Plaintiff incorporates the above paragraphs by reference.
38. Motorola has been on notice of the '136 Patent at least as early as the date it received service of this Original Complaint.
39. Upon information and belief, Motorola has directly infringed and continues to directly infringe at least Claims 55 and 61 of the '136 Patent by making, using, importing, selling, and/or, offering for sale the Accused Instrumentalities.
40. By way of example, the Accused Instrumentalities infringe Claim 55 of the '136 Patent by use of a global positioning device, wherein the global positioning device determines a location of the apparatus or a location of a vehicle. Motorola's "Moto G7" is a representative example of the Accused Instrumentalities and is a mobile device (apparatus). See Figure 1, reproduced below, which is an excerpt from the Moto G7 Specification Sheet, attached herein as Exhibit A, showing a picture of the Moto G7.



Figure 1 - Motorola’s Moto G7

41. The Moto G7 uses a global positioning device, wherein the global positioning device determines a position or a location of a vehicle.
42. See Figure 2, reproduced below, which is a screenshot from Motorola’s website, indicating the Moto G7 utilizes GPS and A-GPS. A GPS device is necessarily required to utilize GPS and A-GPS. Further, it is well known that GPS location technology determines a location of the apparatus on which the GPS device is installed or located.

Connectivity
Networks + Bands - Carrier Aggregation, 4G LTE (DL Cat 7/ UL Cat 6), CDMA / EVDO Rev A, UMTS / HSPA+, GSM / EDGE 2G: GSM band 2/3/5/8 CDMA BC0/BC1/BC10, 3G: WCDMA band 1/2/4/5/8, 4G: FDD LTE band 1/2/3/4/5/7/8/12/13/17/20/25/26/66, TDD LTE band 38/40/41
SIM Card - Single nano-SIM
Bluetooth® Technology - Bluetooth® 4.2 LE, aptX
Wi-Fi - Wi-Fi 802.11 a/b/g/n, 2.4GHz + 5GHz, Wi-Fi hotspot
NFC - No
Location Services - GPS, A-GPS, GLONASS, Galileo, Beidou
In The Box - moto g <sup>7</sup> , TurboPower™ charger, USB-C Cable, SIM pin, Guides

Figure 2 - Moto G7 Specs

43. See also Figure 3, reproduced below, which is a screenshot from Motorola’s website indicating that the

Moto G7 is bundled with the Android 9 Pie operating system.



<b>Performance</b>	<b>Operating System</b> Android™ 9 Pie
	<b>Processor</b> Qualcomm® Snapdragon™ 632 processor with 1.8 GHz octa-core CPU and Adreno 506 GPU
	<b>Memory (RAM)</b> 4 GB


Figure 3 - Moto G7 Specifications

44. See also Figure 4, reproduced below, which is an excerpt from the Moto G7 User's Manual, attached herein as Exhibit A, indicating that the Moto G7 is preloaded with the Google Maps application.

## Maps

Find a nearby cafe, get directions or step-by-step GPS voice navigation using Google Maps™.

**Find It:** Swipe up  >  **Maps**

Enter what you want to find in the search bar, or tap  to search by voice.

**Note:** Your map screen may look different.

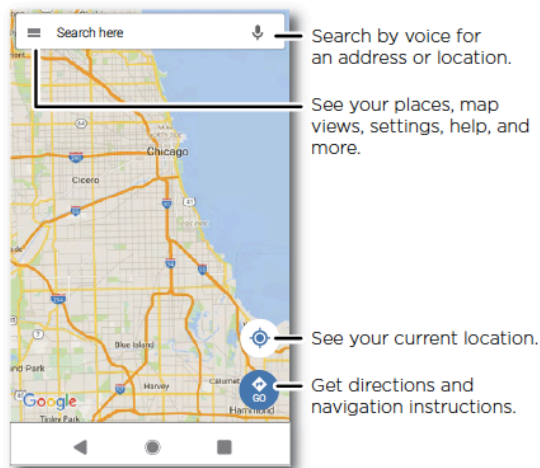


Figure 4 - Google Maps Application on the Moto G7



45. See also Figure 5, reproduced below, which is a screenshot from Google's website showing a mock up of the navigation display for Google Maps. The blue arrow indicates the current location of the device.

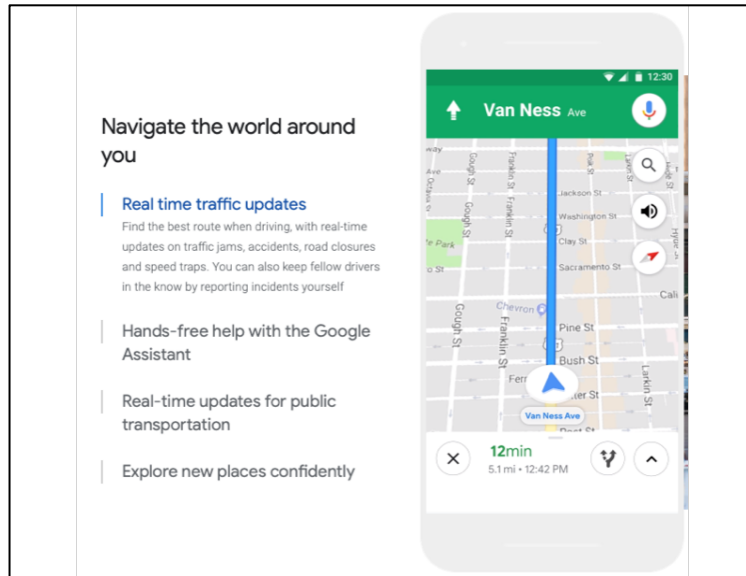


Figure 5 - Google Maps navigation display

46. The Moto G7 uses a processing device, wherein the processing device processes information regarding the position or the location of the vehicle and information regarding a destination to which the vehicle can travel on at least one of a road, a roadway, a highway, a parkway, and an expressway, and further wherein the processing device determines or identifies a travel route to the destination.

47. See Figure 3, reproduced below, which is a screenshot from Motorola's website indicating that it utilizes the Qualcomm Snapdragon 632 processor.

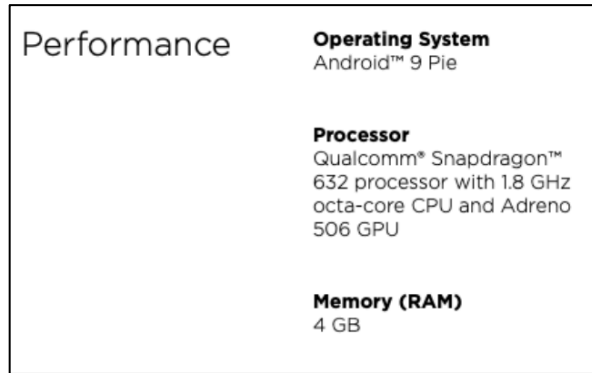


Figure 5 - Moto G7 processor

48. The processing device used in the Moto G7 is necessarily used to process the information regarding the location of the apparatus or vehicle and the destination, as well as to calculate the travel route to the destination using the Google Maps application that is included with the Moto G7.
49. See also Figure 5, reproduced below, which is a screenshot from Google’s website showing a mock up of the navigation display for Google Maps, which is included with the Moto G7. The blue arrow indicates the current location of the device and the blue line identifies the route to the destination along a road. Further, “12min” indicates the time remaining to the destination, and “5.1 mi • 12:42 PM” indicates the distance to the destination in miles and estimated time of arrival at the destination.

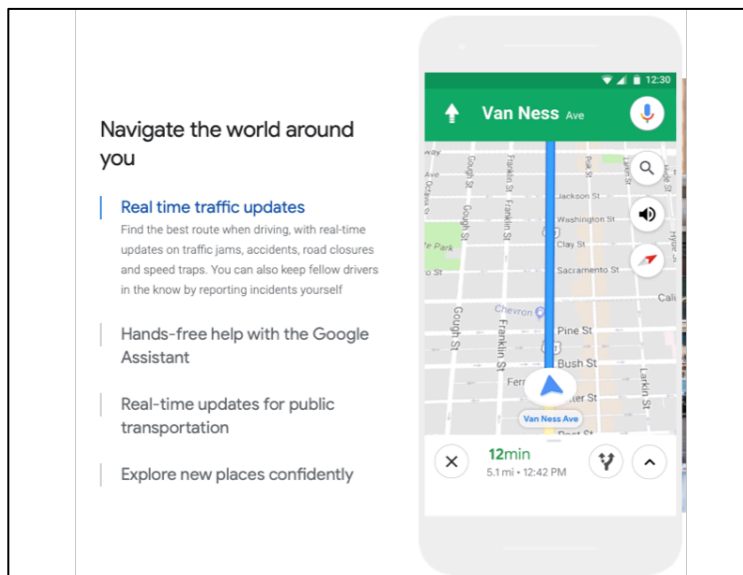


Figure 5 - Google Maps navigation display

50. The Moto G7 uses a display device or a speaker, wherein the display device displays information regarding the travel route or the speaker provides audio information regarding the travel route.

51. See Figure 1, reproduced below, showing the display of the Moto G7.



Figure 1 - Motorola's Moto G7

52. See also Figure 5, reproduced below, which is a screenshot from Google's website showing a mock up of the navigation display for Google Maps, which is included with the Moto G7. The blue arrow indicates the current location of the device and the blue line identifies the route to the destination along a road. Further, "12min" indicates the time remaining to the destination, and "5.1 mi • 12:42 PM" indicates the distance to the destination in miles and estimated time of arrival at the destination.

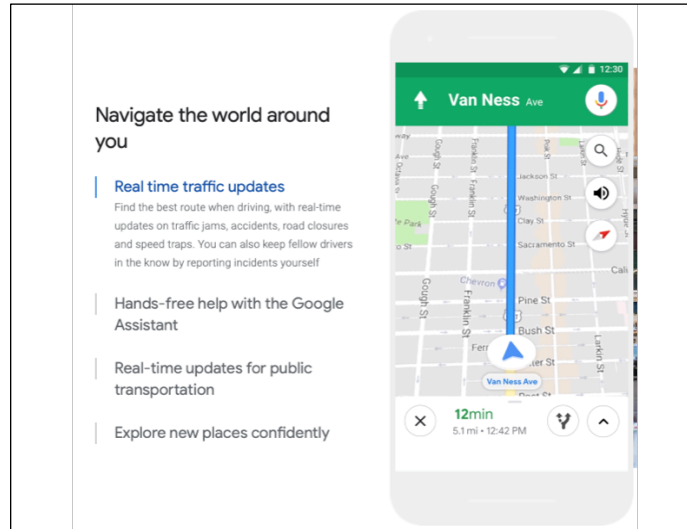


Figure 5 - Google Maps navigation display

53. The Moto G7 uses a receiver, wherein the receiver receives traffic information or information regarding a traffic condition, wherein the traffic information or the information regarding a traffic condition is transmitted from a computer, a transmitter, or a device, located at a location remote from the vehicle.
54. See Figure 6, reproduced below, which is a screenshot from Google’s website showing a mock up of the navigation display for Google Maps, which is included with the Moto G7. Google Maps is described as providing “Real-time traffic updates” and the mock up of the navigation display shows traffic information being displayed at the bottom of the device display. The device running the Google Maps application, such as the Moto G7, must necessarily include a receiver for receiving real-time traffic information.

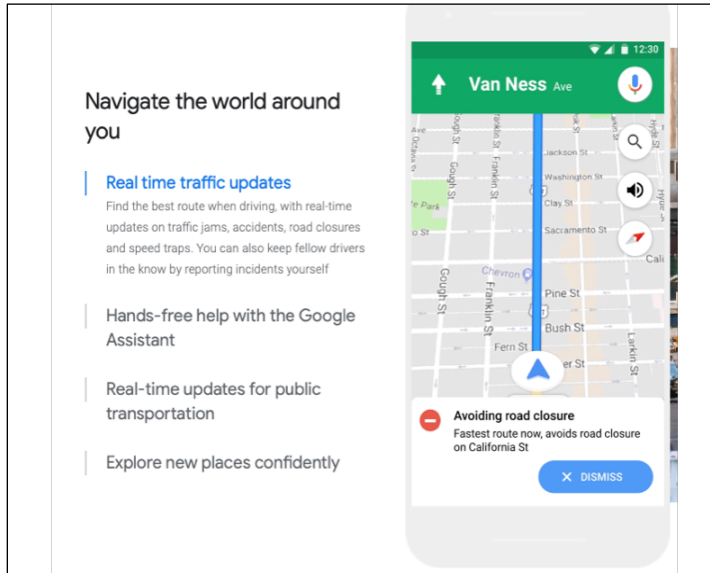


Figure 6 - Google Maps navigation display

55. The Moto G7 provides the traffic information or the information regarding a traffic condition at the vehicle via the display device or via the speaker.

56. See Figure 1, reproduced below, showing the display of the Moto G7.



Figure 1 - Motorola's Moto G7

57. See also Figure 6, reproduced below, which is a screenshot from Google's website showing a mock up

of the navigation display for Google Maps, which is included with the Moto G7. Google Maps is described as providing “Real-time traffic updates” and the mock up of the navigation display shows traffic information being displayed at the bottom of the device display.

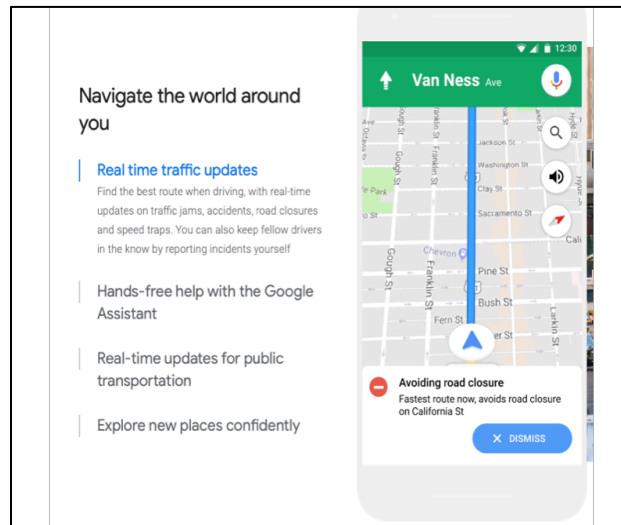


Figure 6 - Google Maps navigation display

58. By way of another example, the Accused Instrumentalities infringe Claim 61 of the '136 Patent by use of an apparatus that “receives maintenance information associated with the travel route or maintenance information associated with a second travel route to the destination, and further wherein the apparatus provides the maintenance information associated with the travel route or the maintenance information associated with the second travel route.”

59. See Figure 7, reproduced below, which is a screenshot from Google’s website explaining the meaning of various visual symbols used in the Google Maps application. The visual symbols include symbols indication “road closures” and “construction,” both of which can be considered “maintenance information.” Figure 7 also indicates that “[f]or road closures, you’ll find a dotted red line where the road is closed.” These symbols are visually displayed on the map that is displayed on the display device of the Accused Instrumentalities.

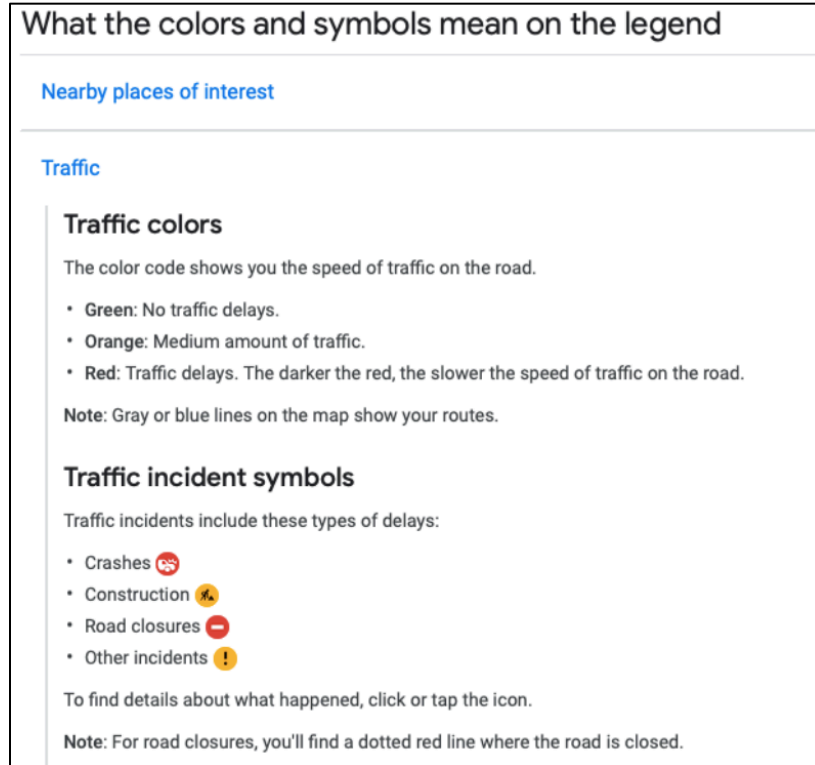


Figure 7 - Visual Symbols in the Google Maps Application

**PRAYER FOR RELIEF**

WHEREFORE, NavBlazer respectfully requests the Court enter judgment against

Defendant:

1. Declaring that Defendant has infringed each of the Patents-in-Suit;
2. Awarding NavBlazer its damages suffered because of Defendant's infringement of the Patents-in-Suit;
3. Awarding NavBlazer its costs, attorneys' fees, expenses, and interest;
4. Awarding NavBlazer ongoing post-trial royalties; and
5. Granting NavBlazer such further relief as the Court finds appropriate.

**JURY DEMAND**

NavBlazer demands trial by jury, under Fed. R. Civ. P. 38.



Dated: June 23, 2020

Respectfully Submitted

/s/ Thomas Fasone III

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