UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS
MARSHALL DIVISION

Infogation Corporation, **Plaintiff,** **v.** **Honda Motor Co. Ltd.,** **Defendant.**	**Case No. 2:23-cv-00513-JRG** **Jury Trial Demanded**

PRELIMINARY INFRINGEMENT CONTENTIONS

In accordance with the Order Governing Proceedings issued in this case, Infogation Corporation ("Plaintiff") respectfully serves these Preliminary Infringement Contentions against Honda Motor Co. Ltd. ("Honda" or "Defendant").

Appended hereto are charts setting forth where in the Accused Instrumentalities (as defined in the operative Complaint) each element of each Asserted Claim is found.

The Asserted Patents are as follows: U.S. Patent No. 10,062,107 (the "'107 Patent"); U.S. Patent No. 10,776,863 (the "'863 Patent"); and U.S. Patent No. 11,449,930 (the "'930 Patent") (hereinafter collectively referred to as "the Asserted Patents").

The Asserted Claims are as follows:

- U.S. Patent 6,292,743 Claims 1;
- U.S. Patent 8,406,994 Claims 1;
- U.S. Patent 8,898,003 Claims 1.
- U.S. Patent 10,107,628 Claims 1.

The priority date of the '743 Patent is January 6, 1999. The priority date of the '994 Patent and the '003 Patent is November 7, 2008. The priority date of the '628 Patent is August 7, 2011.

Petitioner Honda Ex-1023, 0001

The’743 Patent expired January 6, 2019. The expiration date of the ’994 Patent is May 11, 2031. The ’003 Patent does not expire before February 2, 2030. The ’628 Patent does not expire before July 26, 2033.

To the extent Defendant challenges either the priority date or the expiration date of any Asserted Patent or of individual Asserted Claim, Plaintiff contends that any such challenge must be raised with specificity contemporaneous with Defendant’s Invalidity Contentions. Given the central importance of the priority date (the “date of invention”) to the issues of claim construction and validity, Plaintiff will move to preclude any such argument or challenge not timely raised.

In addition to the appended Claim Charts, Plaintiff is producing all document in its possession, custody, and control (if any) evidencing conception and reduction to practice of the Asserted Claims, as well as copies of the file histories for each of the Asserted Patents.

Dated: May 15, 2024

Respectfully Submitted

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ATTORNEYS FOR PLAINTIFF

Petitioner Honda Ex-1023, 0002

InfoGation's Preliminary Infringement Claim Chart
InfoGation Corporation v. Honda Motor Co. Ltd.,
Cause No.: 2:23-cv-00513-JRG
U.S. Patent No. 6,292,743
Asserted Claim: 1.

Plaintiff provides this Infringement Chart based upon its best reasonable evaluation of publicly available information as of the date of service hereof. Most, if not all, of the infringing functionality is proprietary to Defendant; thus, Plaintiff reserves its right to supplement these Contentions as necessary following full technical production on the part of Defendant and following full review of the relevant historical source code for the Accused Instrumentalities by Plaintiff's experts to be designated in due course of this litigation.

As of the date of preparation of this Infringement Chart, which is being undertaken without the benefit of discovery, Plaintiff believes and alleges that each element is literally present in the Accused Instrumentalities. To the extent discovery reveals infringement occurs in manners or using systems different than those believed to be made, used, and sold by Defendant, Plaintiff intends to argue that such differences are nevertheless infringing under the Doctrine of Equivalents.

This Infringement Chart is applicable to methods practiced and/or implemented by or in connection with all iterations of the Accused Instrumentalities made, used, sold, and/or offered for sale, from and after the date falling prior to the date of filing of the Original Complaint in this litigation, and extending through the expiration of the '743 Patent. Plaintiff contends, and hereupon alleges, that all such iterations, versions, and progressively more robust implementations of the Accused Instrumentalities during the period of infringement nevertheless infringe the Asserted Claims in substantially the same or identical manner as is set forth herein.

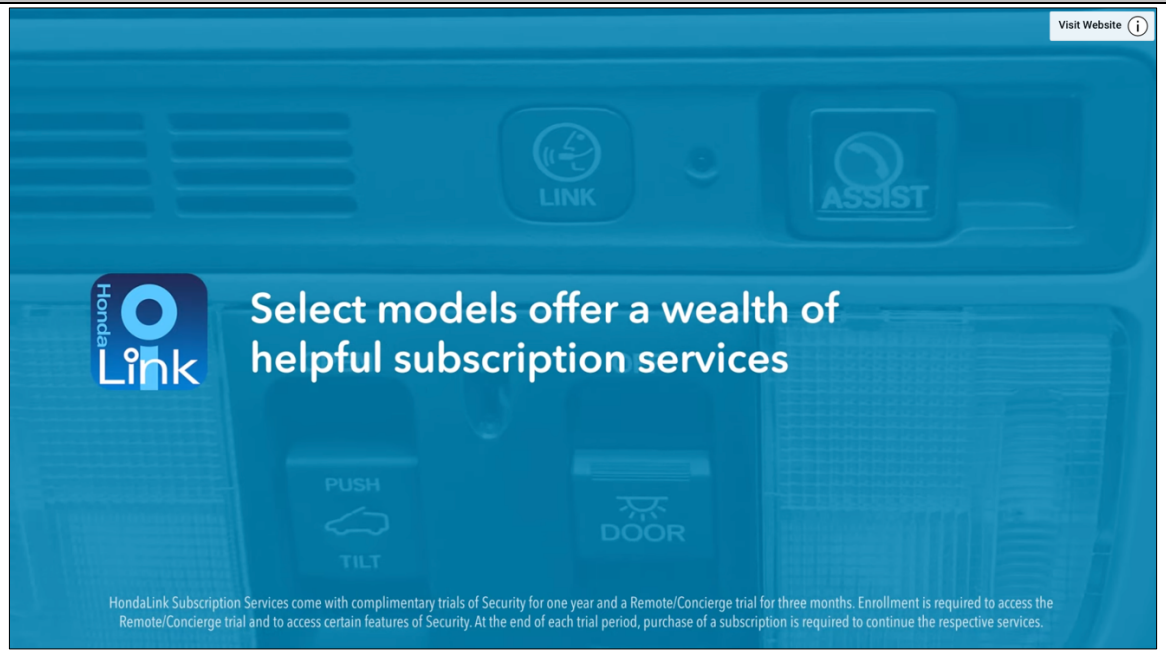
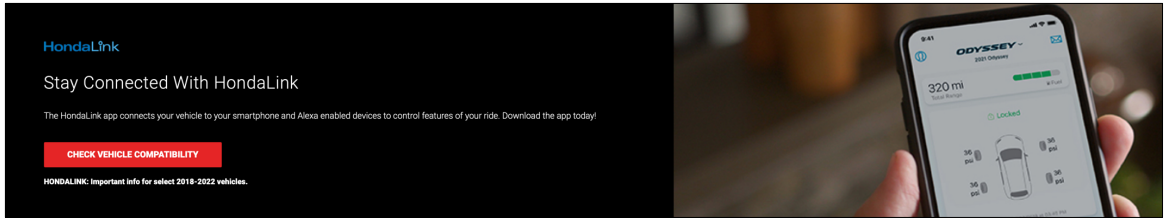
In preparing these Charts, and for the sake of completeness, Plaintiff has included the preambles for each Asserted Claim. In so doing, Plaintiff does not contend that such preambles are in any way limiting on any Asserted Claim.

For each element of these Charts, it is herein alleged to infringe literally, or in the alternative, under the doctrine of equivalents.

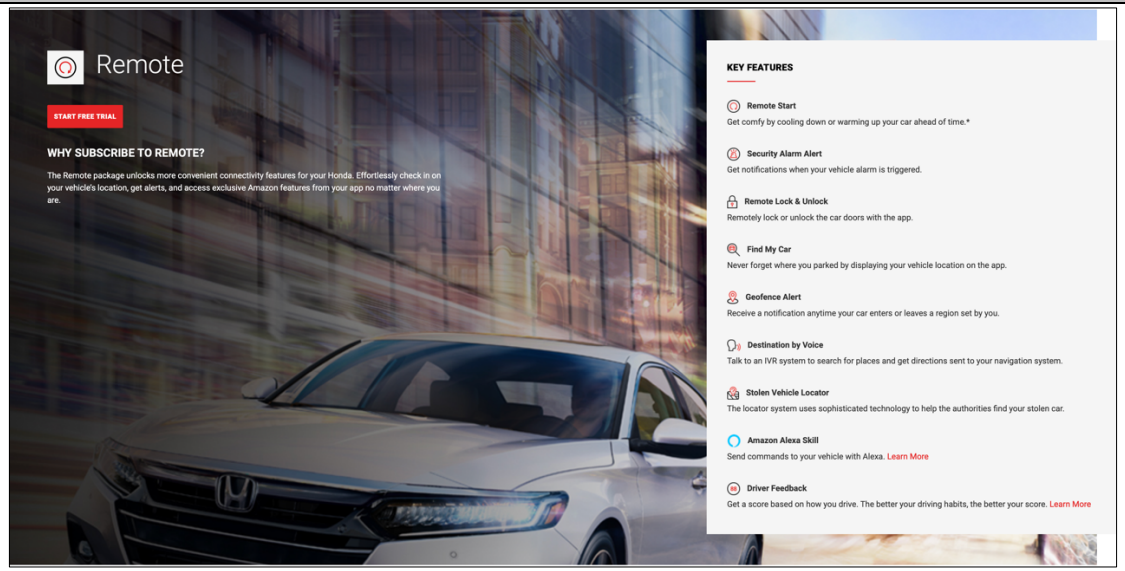
Petitioner Honda Ex-1023, 0003

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
Asserted Claim Element	**Preliminary Infringement Contention**
Claim 1 [1.P]: A method for providing an optimal route using real-time information for a navigation system comprising a client and a server, said server coupled to a computer network, said method comprising the steps of:	To the extent the preamble is limiting, the Accused Instrumentalities practices and provides a method for providing an optimal route using real-time information for a navigation system comprising a client and a server, said server coupled to a computer network (e.g., the Acura's GPS Navigation system included in Honda Acura's lineup of personal vehicles, in all trims and configurations such as but not limited to Acura MDX, RDX, TLX, etc. is a client that is in constant communication with the Toyota server through a computer network and provides an optimal route based on real-time information). More specifically, Honda Acura navigation system (the client) which is vehicle's onboard navigation system through which the driver interacts with the system which is connected to the remote component that stores and processes data related to navigation, such as maps, traffic information, and routing algorithms (Honda server connected through cloud). The server communicates with the client (the vehicle) over a network connection, providing real-time information and guidance to the navigation system.

Petitioner Honda Ex-1023, 0004

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://www.youtube.com/watch?v=ErQqRGFiZIM (runtime at 0:20)*  *See, https://mygarage.honda.com/s/hondalink-marketing*

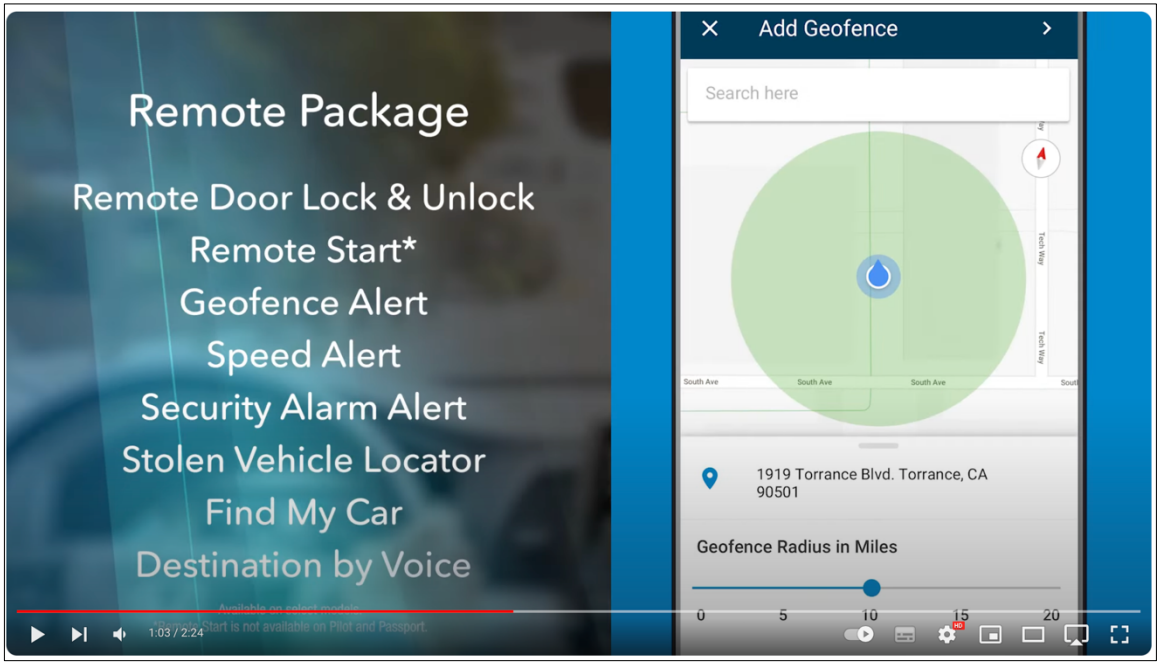
Petitioner Honda Ex-1023, 0005

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://mygarage.honda.com/s/hondalink-marketing*

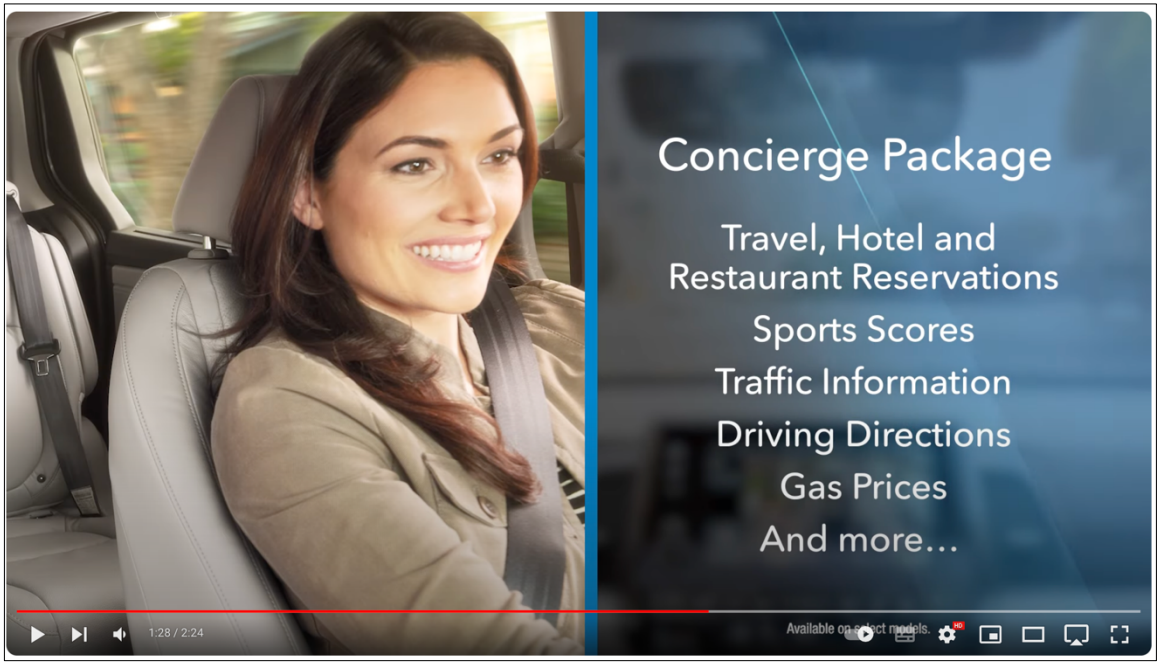
Petitioner Honda Ex-1023, 0006

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 See, https://www.youtube.com/watch?v=li3igS13HpQ

Petitioner Honda Ex-1023, 0007

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://www.youtube.com/watch?v=li3igS13HpQ*

Petitioner Honda Ex-1023, 0008

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://www.youtube.com/watch?v=li3igS13HpQ*

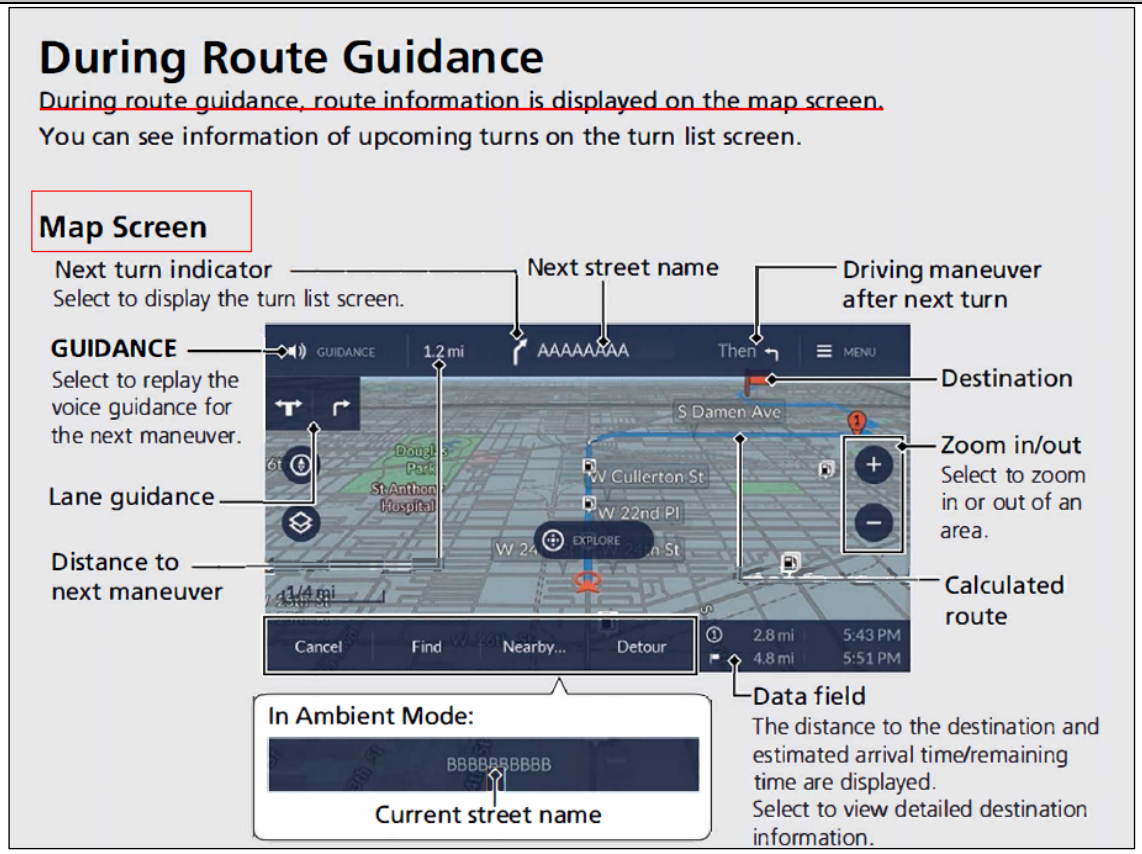
Petitioner Honda Ex-1023, 0009

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Improve Your Navigation System's Accuracy Map updates come packed with the latest data including:* 716,867 restaurants 64,238 miles of new roads 340** new speed limits 160,063 ATMs 149,494 fuel stations Fresh road data improves your navigation system's routing, keeping you on course and on time. The latest speed limits allow for more accurate travel time estimates and new points of interest help you find the services you need, whether driving around town or far from home. *See, https://acuranavi.navigation.com/cms/page.WhyUpdate/en_US/AcuraNA/USD (emphasis added)* Enhanced features provide a better driving experience Beyond basic routing, your navigation system offers a variety of features that enhance your driving experience. Updating your map optimizes features such as:*** **3D LANDMARKS** Seeing 3D Landmarks on your map creates a clear visual connection to the real world. This is especially helpful for urban navigation **LANE GUIDANCE** Lane Guidance ensures that you are always in the right place when approaching exits, road mergers, an complex interchanges *See, https://acuranavi.navigation.com/cms/page.WhyUpdate/en_US/AcuraNA/USD (emphasis added)* Embedded Navigation: Ready When You Are Whether you start your vehicle by turning a key or pressing a button, your embedded navigation system is ready to go. No need to attach cables or mounts. You don't have to worry about data usage. And with a large screen and voice activation, you can keep your eyes on the road and hands on the wheel. Add fresh data to the mix and you've got the ideal navigation experience. Update your navigation system map today and drive with confidence. * Data points above represent the average across all map updates. Exact data is available on each product page. ** If your navigation systems does not already have a speed limit feature, updating your map will not add this feature. *** Available features vary by navigation system. Enhancements to these features also vary by map update. *See, https://acuranavi.navigation.com/cms/page.WhyUpdate/en_US/AcuraNA/USD (emphasis added)*

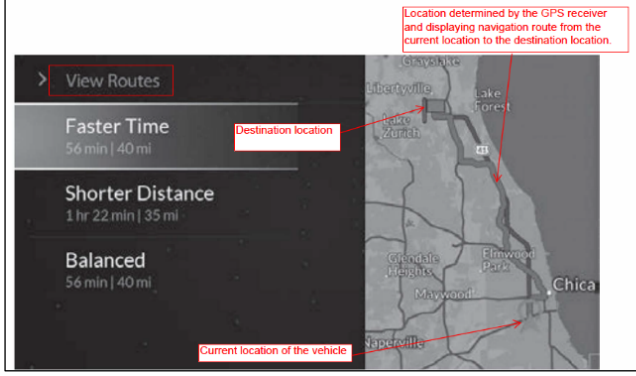
Petitioner Honda Ex-1023, 0010

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Overview—Functions at a Glance **Navigation** You can select any place/landmark as a destination by using True Touchpad Interface. The navigation system gives you turn-by-turn driving directions to your destination. **Store home address** P. 19 Register your home address. **Store locations** P. 22 Store locations to use as the destination. **Enter destination** P. 42 Select your destination using several methods. **Select route** P. 56 Set route preferences and select one of the available routes. **Track route** P. 57 Follow your route in real-time with voice guidance. **Add waypoints** P. 63 Add "pit stops" along your route. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF*

Petitioner Honda Ex-1023, 0011

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (annotated) [Page 7]*

Petitioner Honda Ex-1023, 0012

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Viewing and Selecting the Routes View and select different routes to your destination.  **1.** Select **View Routes** on the destination information screen. ➔ **Viewing the Destination Information** P. 55 **2.** Select an option. ▶ The estimated travel time and travel distance are displayed for each route. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated)[Page 56]* **Basic Acura Navigation Operation** The Acura navigation system uses GPS and a map database to plot your current location and guide you to your desired destination. You can see your map displayed on the screen in the center of your dash, and you can use buttons to enter destination information. You also the option of controlling your system via voice commands. While you are driving, certain manual functions may be disabled, so default to audible commands! *See, https://www.parkaveacura.com/how-do-i-use-acura-navigation/ (emphasis added)*

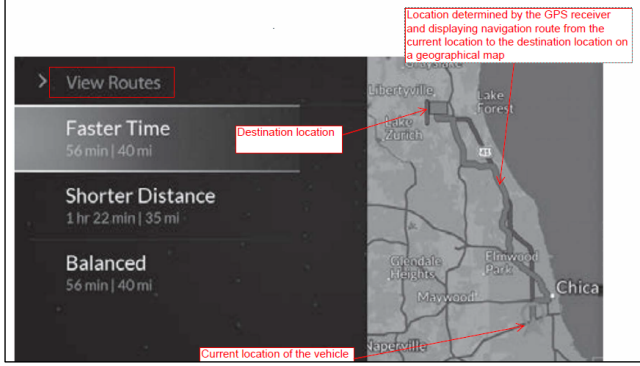
Petitioner Honda Ex-1023, 0013

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Current Location **ENTER/MENU** button (on map) ▶ **Map/Route** ▶ **Current Location** Display and save your current location for future use as a destination. The address, latitude, longitude, and elevation of your current location are displayed. ■ To save your current location in the address book: **1.** Press to select **Address Book**. ▶ Move to scroll the map as necessary. Displaying current location of the vehicle determined by GPS receiver and displaying on map screen. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTZ51818OG/enu/BTZ51818NV.PDF [Annotated] [Page 112]*

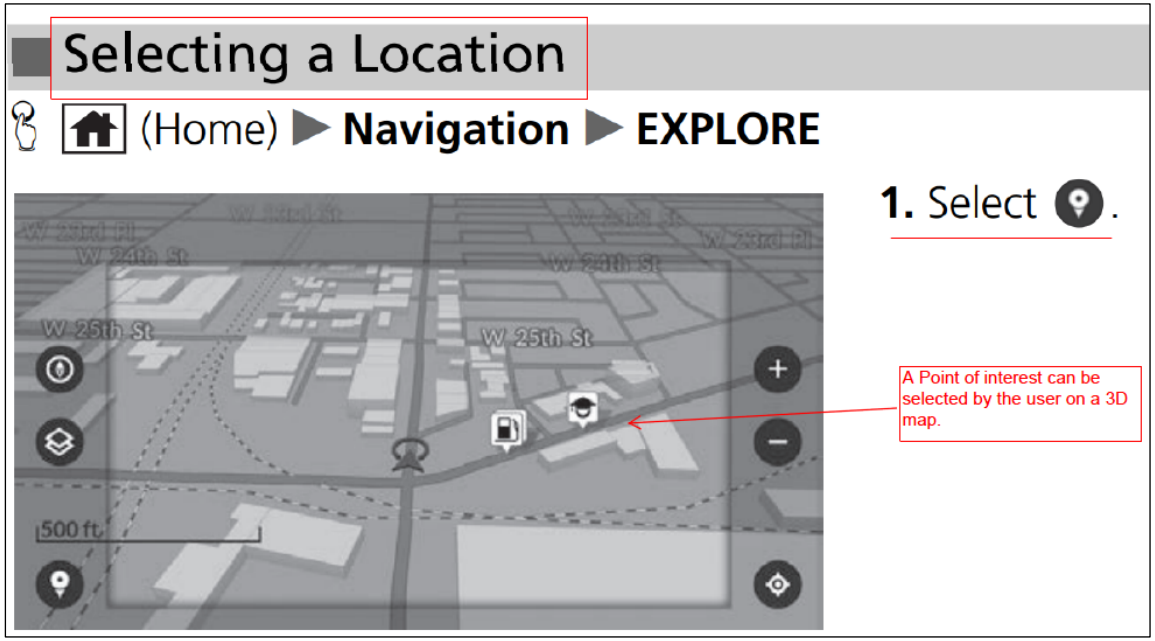
Petitioner Honda Ex-1023, 0014

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Driving to Your Destination **Viewing the Route** This section describes how to follow the route guidance to your destination. **Map Screen** GUIDANCE Next turn indicator Data field After calculating the route to your destination, the route is displayed on the map screen. As you drive, the system tracks your position on the map in real time and provides guidance as you approach each guidance point on the route. **During Route Guidance** P. 7 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (emphasis added) [Page 57]*

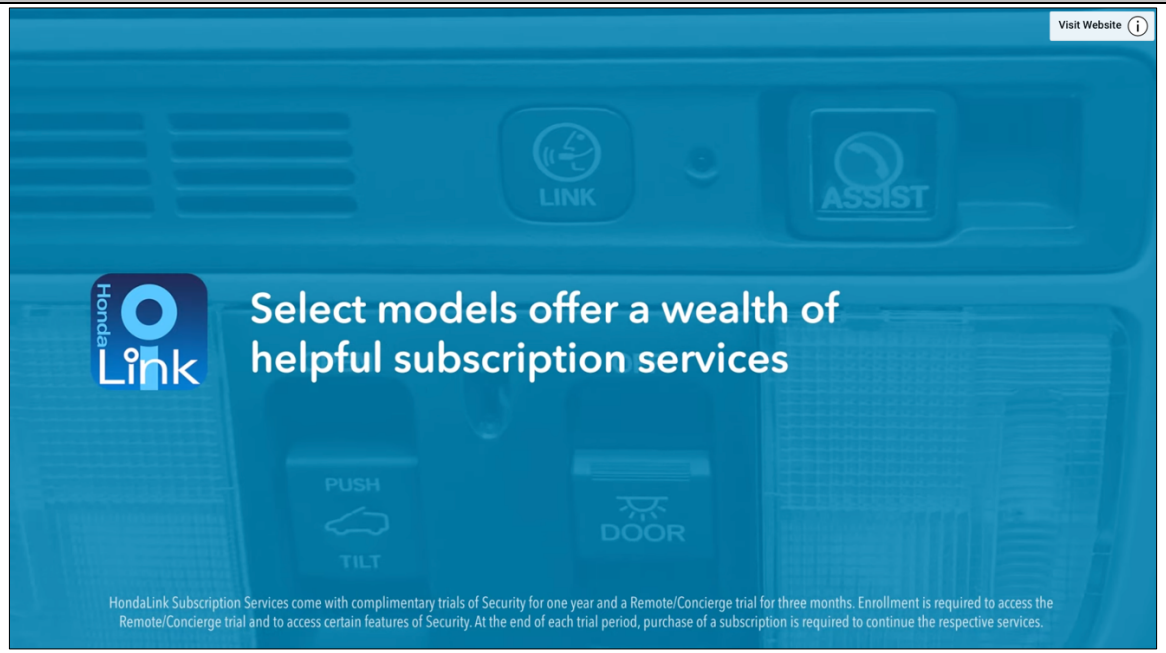
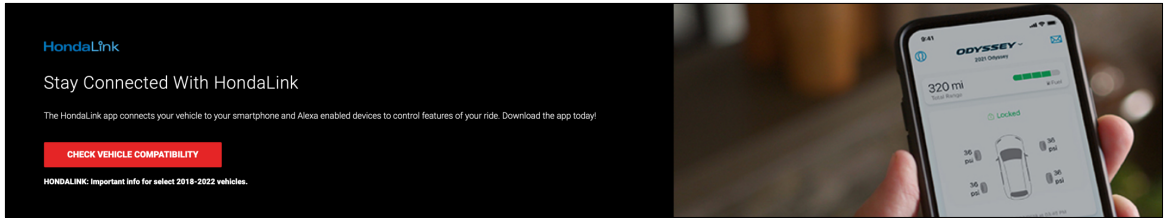
Petitioner Honda Ex-1023, 0015

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Viewing and Selecting the Routes View and select different routes to your destination.  **1.** Select **View Routes** on the destination information screen. ➔ **Viewing the Destination Information** P. 55 **2.** Select an option. ▶ The estimated travel time and travel distance are displayed for each route. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated)[Page 56]*

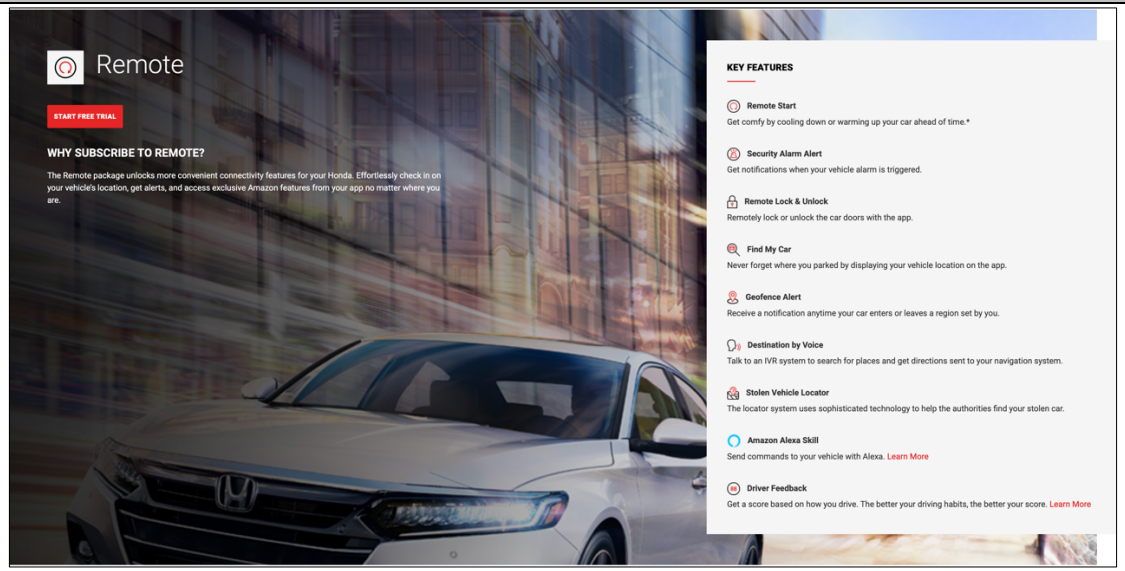
Petitioner Honda Ex-1023, 0016

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 51]*
[1.A]: establishing a wireless connection between the client and the server;	The Accused Instrumentalities establishes a wireless connection between the client and server. More specifically, Acura's Navigation system establishes a wireless connection between the vehicle's onboard navigation system and the server in the cloud through cellular connectivity. Furthermore, using Honda Link App, the wireless connection is established through user's phone for the onboard navigation system (the client) and the server.

Petitioner Honda Ex-1023, 0017

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://www.youtube.com/watch?v=ErQqRGFiZIM (runtime at 0:20)*  *See, https://mygarage.honda.com/s/hondalink-marketing*

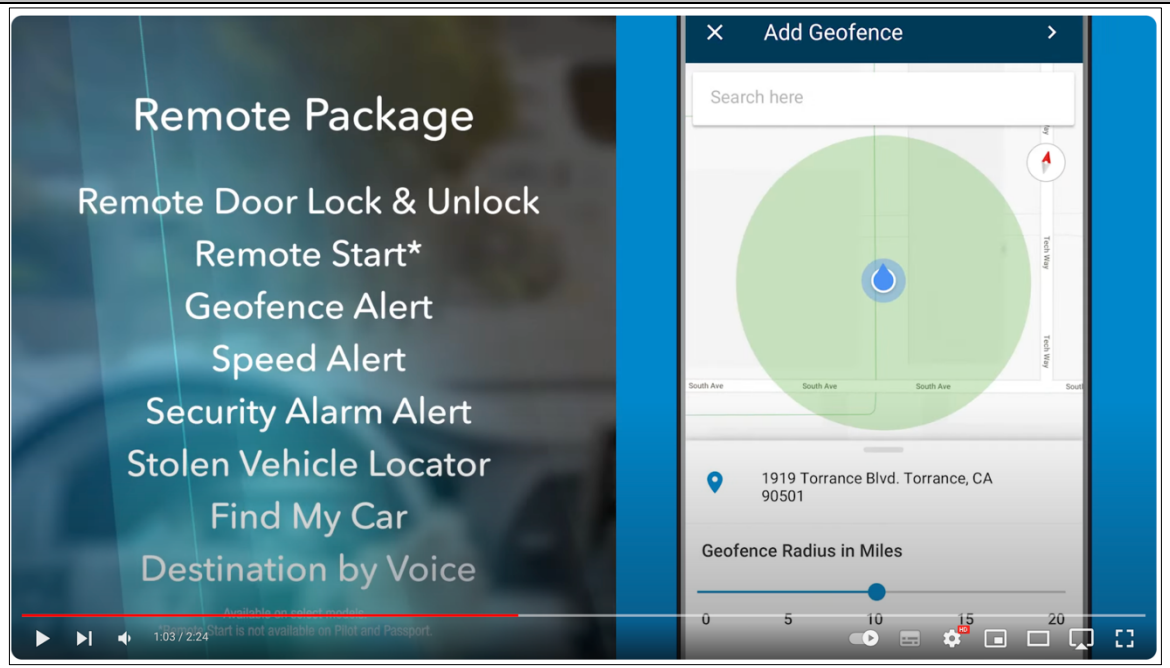
Petitioner Honda Ex-1023, 0018

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://mygarage.honda.com/s/hondalink-marketing*

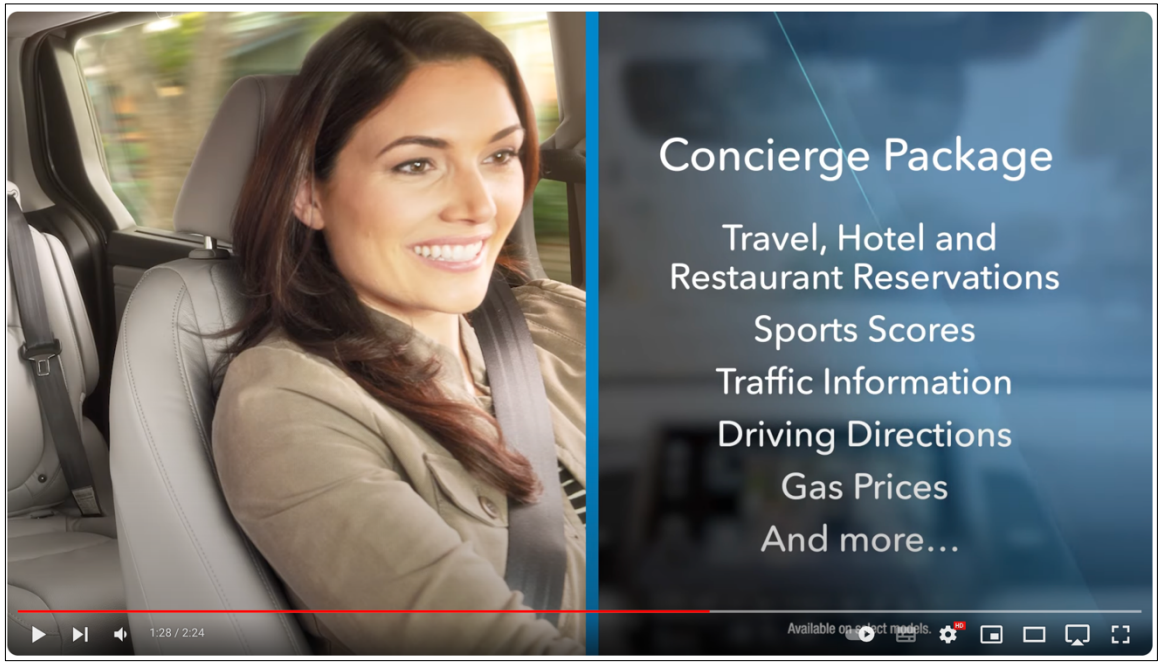
Petitioner Honda Ex-1023, 0019

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 See, https://www.youtube.com/watch?v=li3igS13HpQ

Petitioner Honda Ex-1023, 0020

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://www.youtube.com/watch?v=li3igS13HpQ*

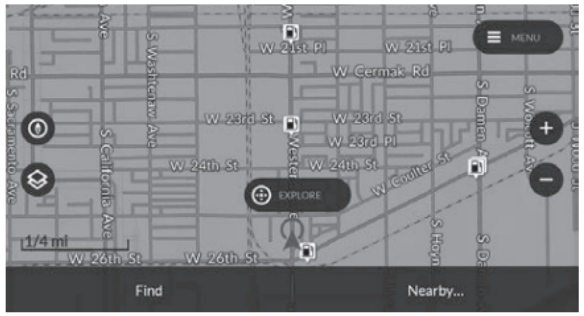
Petitioner Honda Ex-1023, 0021

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://www.youtube.com/watch?v=li3igS13HpQ*

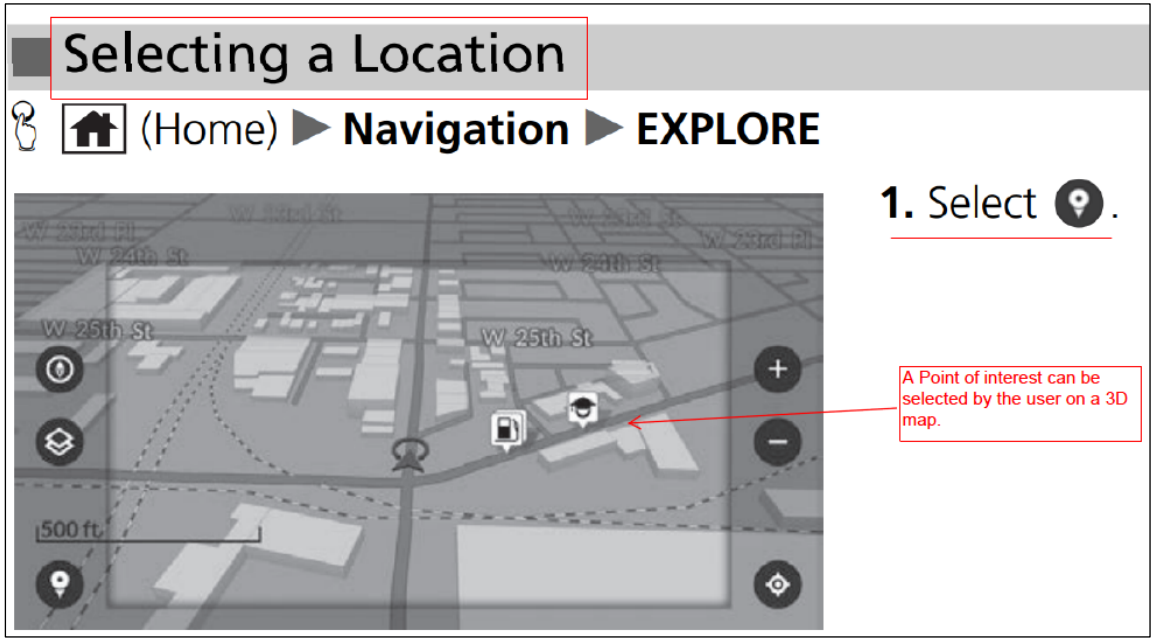
Petitioner Honda Ex-1023, 0022

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Calculating the Route This section describes how to calculate your route. After you set the destination, the system calculates the route taking the calculation method and route preferences you set in the navigation menu. If you set the route with traffic events to be minimized, the system examines traffic conditions and optimizes the route for the shortest time. ➔ **Calculation Mode** P. 33 ➔ **Route Preferences** P. 34 When the system completes the route calculation, it displays the route line on the map screen and starts the route guidance. ➔ **Driving to Your Destination** P. 57 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 54]*
[1.B]: transmitting start and end route designations from the client to the server;	The Accused Instrumentalities transmits start and end route designations from the client to the server. More specifically, the vehicle's navigation system (the client) collects the user's input (either through voice or by typing) or selected locations for the starting point and destination, and then transmits this information to the cloud (the server) via a wireless connection. The server receives these route designations and uses them to perform calculations and generate an optimal route based on real-time information. By transmitting the start and end route designations, the client enables the server to provide accurate and customized navigation instructions and guidance for the selected route.

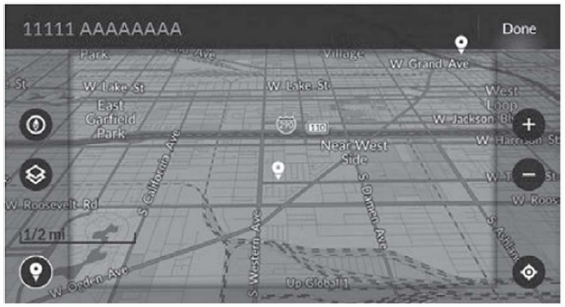
Petitioner Honda Ex-1023, 0023

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Entering a Destination (Home) ▶ **Navigation** This section describes how to enter a destination for route guidance. There are three methods you can search for a destination.  Select an option. The following options are available: • **EXPLORE**: Sets a destination by selecting a location or POI icon on the map. ➔ **Map Input** P. 51 • **Find**: Sets a destination by searching for a keyword, or selecting a category, previous destination, downloaded place or favorite location. ➔ **Find** P. 43 • **Nearby**: Sets a destination by selecting a category near your current position. ➔ **Nearby** P. 50 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF [page 42]*

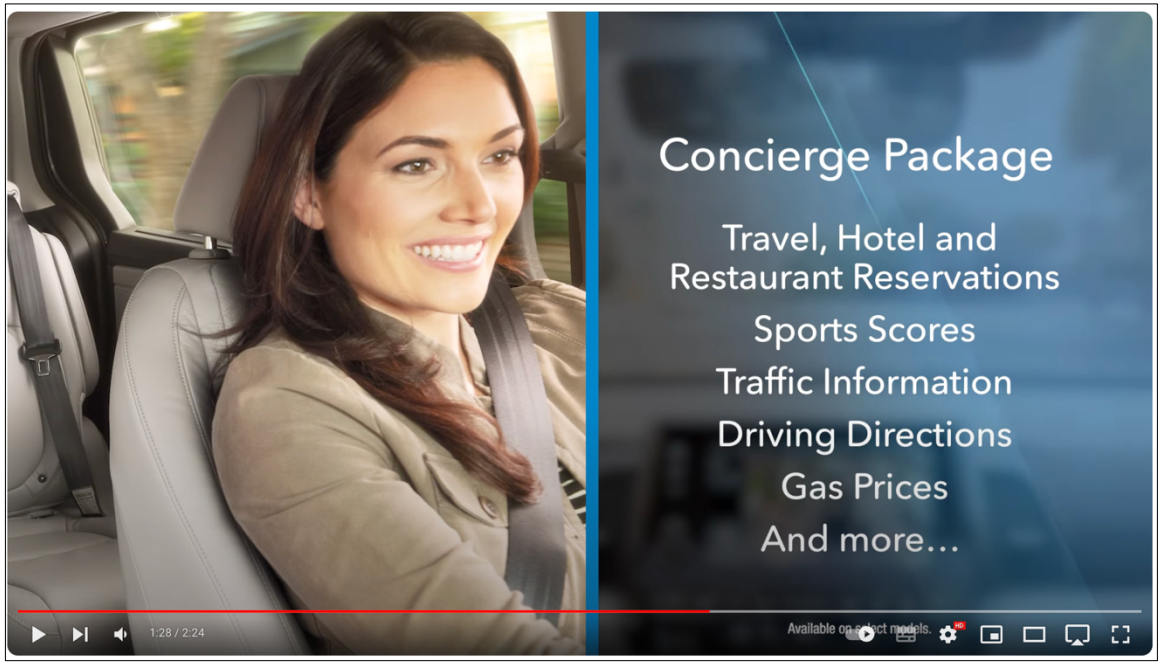
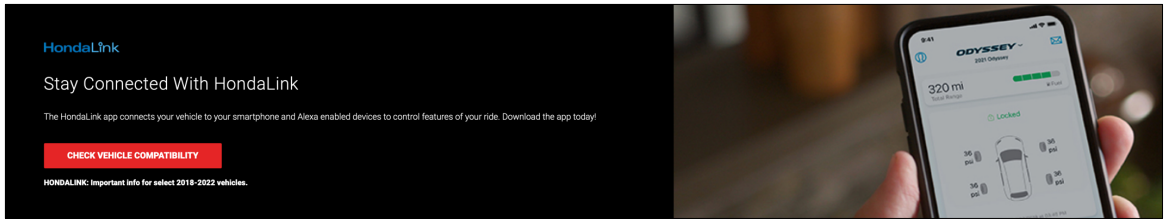
Petitioner Honda Ex-1023, 0024

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 51]*

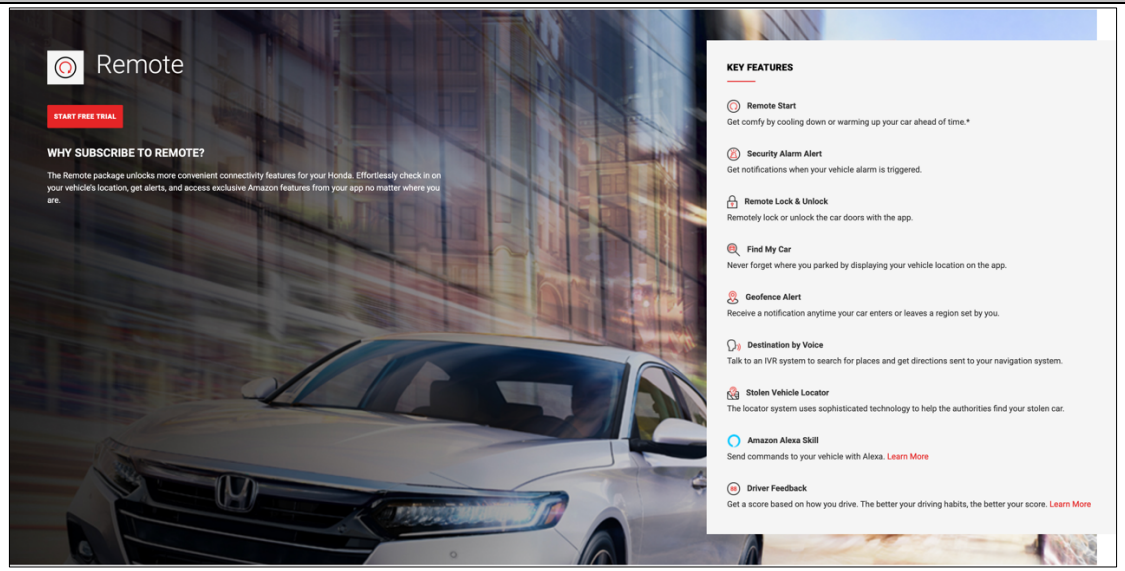
Petitioner Honda Ex-1023, 0025

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 **2.** Click on your desired location. ▶ The selected location name is displayed on the top of the map screen. **3.** Select Done. ▶ The destination information screen is displayed. ➔ **Viewing the Destination Information** P. 55 **4.** Select Start Route to set the route to your destination. ▶ The system starts calculating the route. ➔ **Calculating the Route** P. 54 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 51]*
[1.C]: accessing real-time information by the server;	The Accused Instrumentalities accesses real-time information by the server. More specifically, Acura's server provides real-time information to enhance the navigation experience. This real-time information can include various data such as traffic conditions, points of interest, and other relevant information. Upon information and belief, the server continuously gathers and processes this data from various sources, such as traffic sensors, GPS signals, road authorities, and user-generated reports. By analyzing and integrating this real-time information, the server can provide up-to-date and accurate guidance to the client (vehicle's onboard navigation system) during the navigation process.

Petitioner Honda Ex-1023, 0026

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://www.youtube.com/watch?v=li3igS13HpQ*  *See, https://mygarage.honda.com/s/hondalink-marketing*

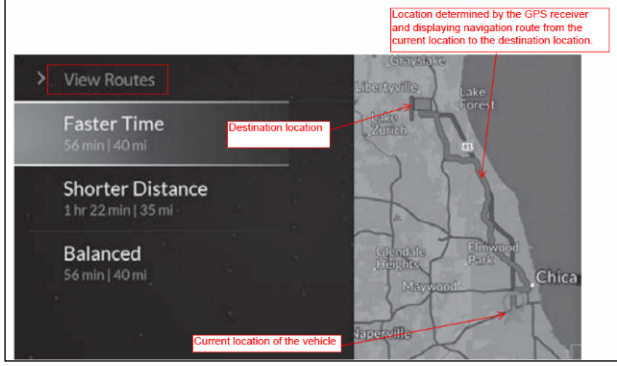
Petitioner Honda Ex-1023, 0027

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, https://mygarage.honda.com/s/hondalink-marketing*

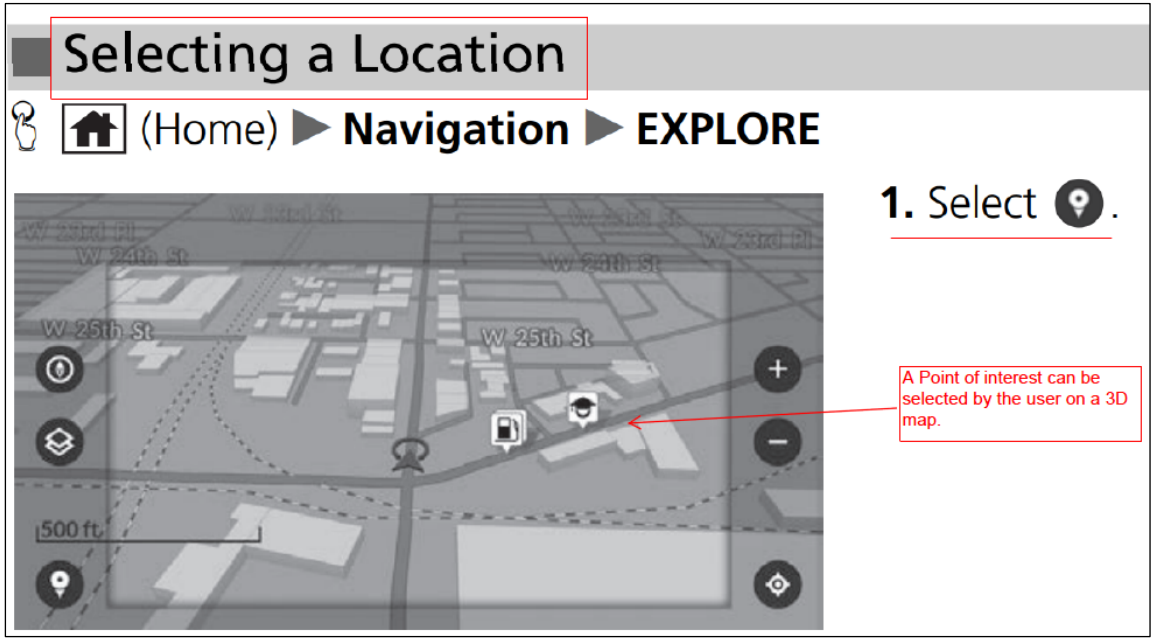
Petitioner Honda Ex-1023, 0028

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Calculating the Route This section describes how to calculate your route. After you set the destination, the system calculates the route taking the calculation method and route preferences you set in the navigation menu. If you set the route with traffic events to be minimized, the system examines traffic conditions and optimizes the route for the shortest time. ➔ **Calculation Mode** P. 33 ➔ **Route Preferences** P. 34 When the system completes the route calculation, it displays the route line on the map screen and starts the route guidance. ➔ **Driving to Your Destination** P. 57 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 54]*

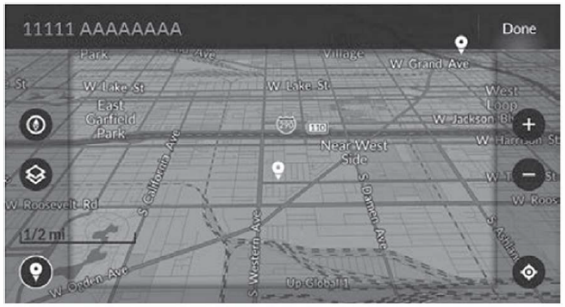
Petitioner Honda Ex-1023, 0029

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Viewing and Selecting the Routes View and select different routes to your destination.  1. Select View Routes on the destination information screen. ➡ **Viewing the Destination Information** P. 55 2. Select an option. ▶ The estimated travel time and travel distance are displayed for each route. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 56]*
[1.D]: calculating the optimal route by the server, based on the real-time information and said start and end route designations;	The Accused Instrumentalities calculates the optimal route by the server, based on the real-time information and said start and end route designations. More specifically, after receiving the start and end route designations from the client, servers utilize the real-time information it has collected to calculate the optimal route. By taking into account this real-time information, the server determines the most efficient and fastest route to reach the destination. Furthermore, upon information and belief, by continuously updating and recalculating the route based on the real-time information received from the server, Acura navigation ensures that the driver is guided along the most efficient path, minimizing delays and providing a smoother navigation experience.

Petitioner Honda Ex-1023, 0030

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 51]*

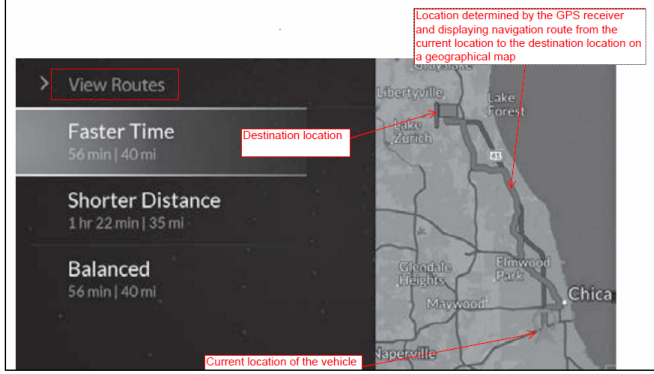
Petitioner Honda Ex-1023, 0031

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 **2.** Click on your desired location. ▶ The selected location name is displayed on the top of the map screen. **3.** Select Done. ▶ The destination information screen is displayed. ➔ **Viewing the Destination Information** P. 55 **4.** Select Start Route to set the route to your destination. ▶ The system starts calculating the route. ➔ **Calculating the Route** P. 54 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 51]*

Petitioner Honda Ex-1023, 0032

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Calculating the Route This section describes how to calculate your route. After you set the destination, the system calculates the route taking the calculation method and route preferences you set in the navigation menu. If you set the route with traffic events to be minimized, the system examines traffic conditions and optimizes the route for the shortest time. ➔ **Calculation Mode** P. 33 ➔ **Route Preferences** P. 34 When the system completes the route calculation, it displays the route line on the map screen and starts the route guidance. ➔ **Driving to Your Destination** P. 57 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 54]*

Petitioner Honda Ex-1023, 0033

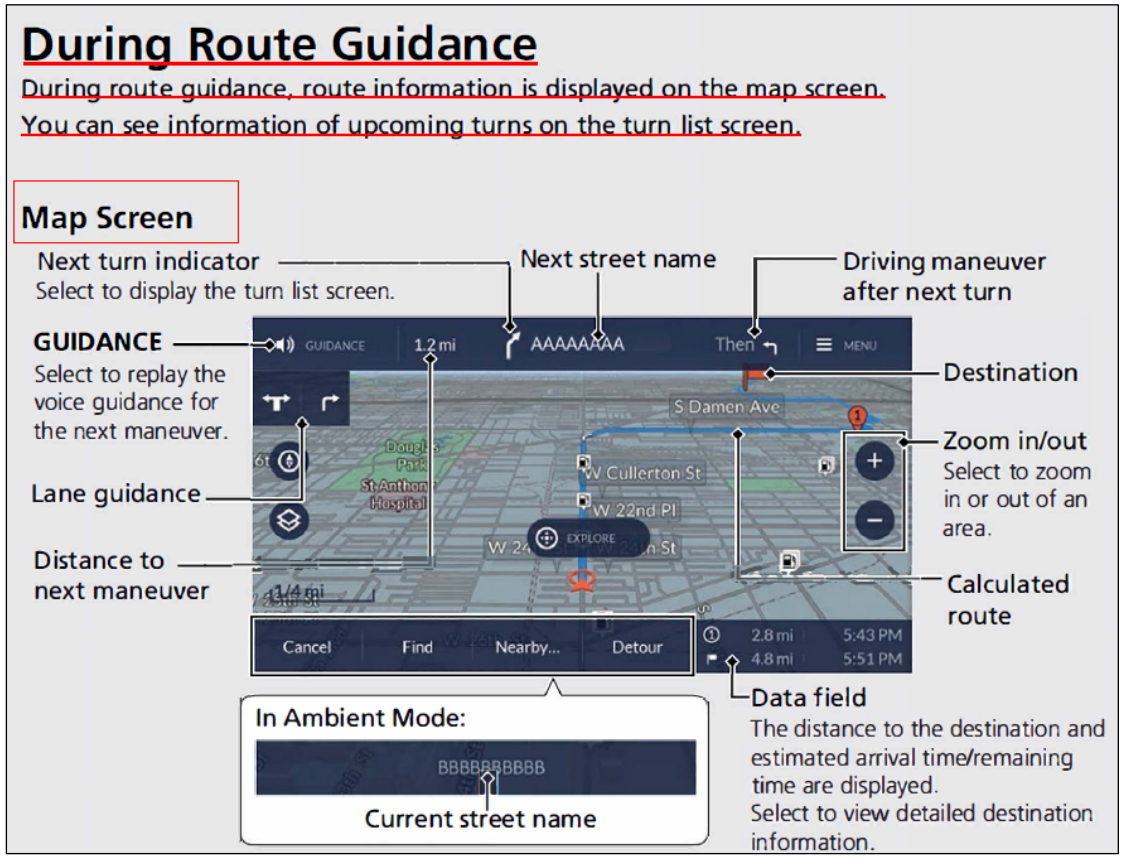
U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Viewing and Selecting the Routes View and select different routes to your destination.  1. Select View Routes on the destination information screen. ➔ **Viewing the Destination Information** P. 55 2. Select an option. ▶ The estimated travel time and travel distance are displayed for each route. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated) [Page 56]*

Petitioner Honda Ex-1023, 0034

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	During Route Guidance During route guidance, route information is displayed on the map screen. You can see information of upcoming turns on the turn list screen. **Map Screen** Next turn indicator Select to display the turn list screen. Next street name Driving maneuver after next turn GUIDANCE Select to replay the voice guidance for the next maneuver. Destination Zoom in/out Select to zoom in or out of an area. Lane guidance Distance to next maneuver Calculated route Data field The distance to the destination and estimated arrival time/remaining time are displayed. Select to view detailed destination information. In Ambient Mode: Current street name *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (annotated) [Page 7]*
[1.E]: formatting the optimal route into a non-proprietary, natural language description;	The Accused Instrumentalities formats optimal route into a non-proprietary, natural language description. More specifically, the route is transformed into human-readable instructions that can be

Petitioner Honda Ex-1023, 0035

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	easily understood by the driver. The description includes distance units, turn-by-turn directions, landmarks, street names, and any other relevant information needed to navigate the route successfully.

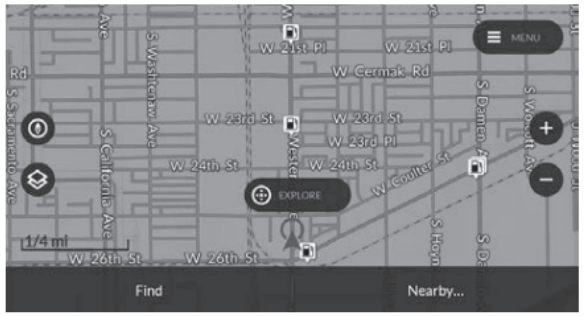


See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (annotated) [Page 7]

Petitioner Honda Ex-1023, 0036

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Driving to Your Destination **Viewing the Route** This section describes how to follow the route guidance to your destination. **Map Screen** GUIDANCE Next turn indicator Data field After calculating the route to your destination, the route is displayed on the map screen. As you drive, the system tracks your position on the map in real time and provides guidance as you approach each guidance point on the route. **During Route Guidance** P. 7 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (emphasis added) [Page 57]*

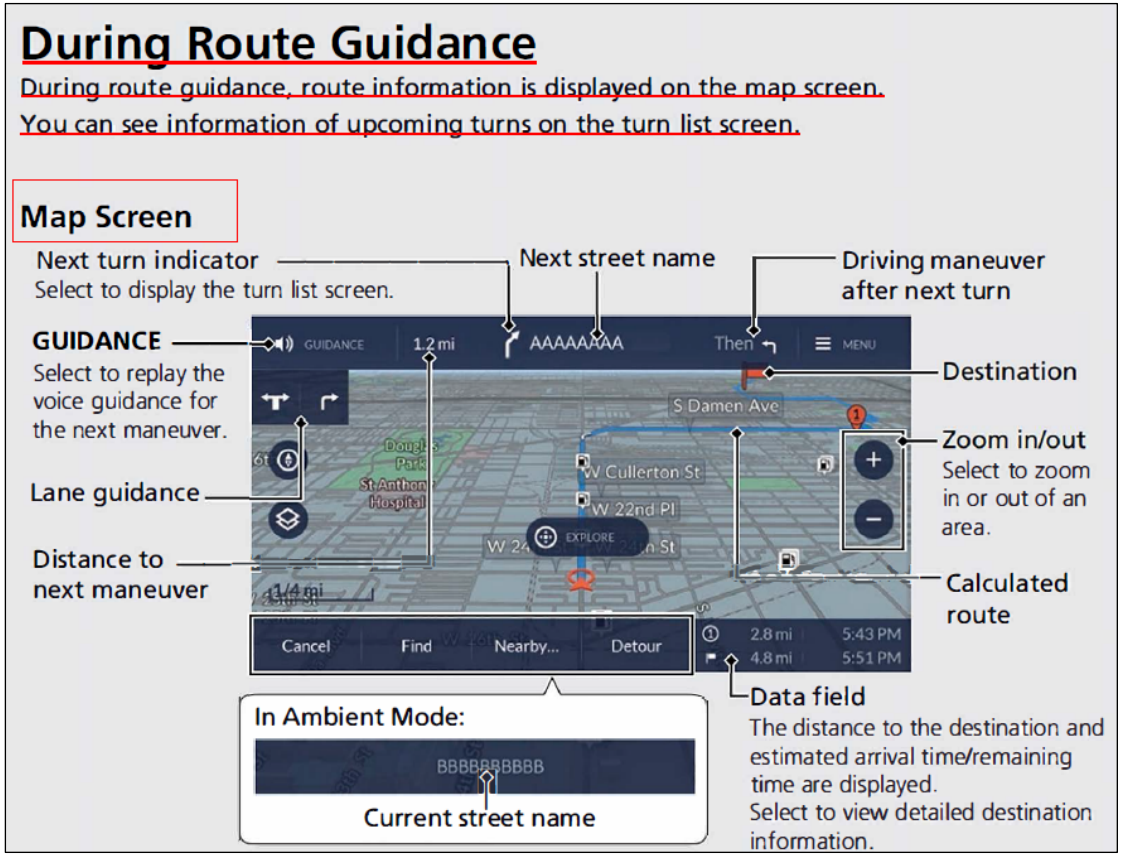
Petitioner Honda Ex-1023, 0037

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Entering a Destination (Home) ▶ **Navigation** This section describes how to enter a destination for route guidance. There are three methods you can search for a destination.  Select an option. The following options are available: • **EXPLORE**: Sets a destination by selecting a location or POI icon on the map. ➔ **Map Input** P. 51 • **Find**: Sets a destination by searching for a keyword, or selecting a category, previous destination, downloaded place or favorite location. ➔ **Find** P. 43 • **Nearby**: Sets a destination by selecting a category near your current position. ➔ **Nearby** P. 50 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF [page 42]*

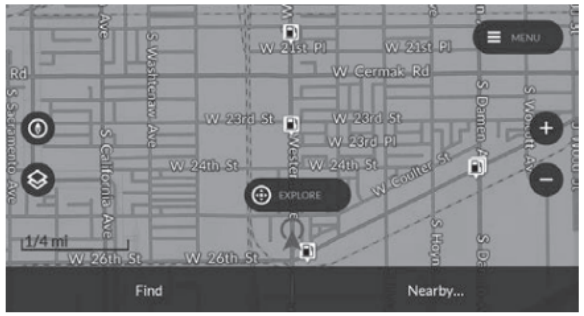
Petitioner Honda Ex-1023, 0038

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
[1.F]: downloading said non-proprietary, natural language description to the client;	The Accused Instrumentalities downloads the non-proprietary, natural language description to the client. More specifically, after formatting the optimal route into a non-proprietary, natural language description, the server downloads the instructions to the onboard navigation system (the client). Once downloaded, the client can interpret and display the non-proprietary, natural language description to the driver, presenting the route instructions in a clear and understandable manner.

Petitioner Honda Ex-1023, 0039

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (annotated) [Page 7]*

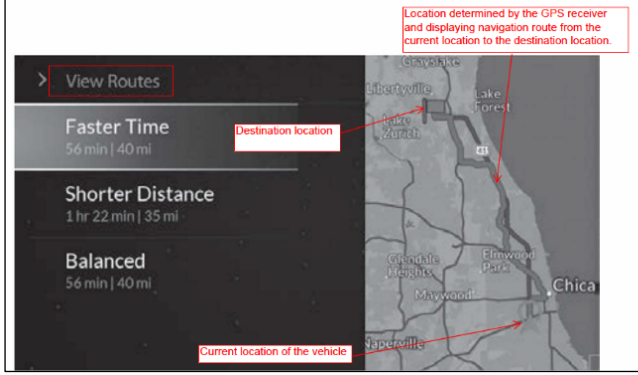
Petitioner Honda Ex-1023, 0040

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Entering a Destination (Home) ▶ **Navigation** This section describes how to enter a destination for route guidance. There are three methods you can search for a destination.  Select an option. The following options are available: • **EXPLORE**: Sets a destination by selecting a location or POI icon on the map. ➡ **Map Input** P. 51 • **Find**: Sets a destination by searching for a keyword, or selecting a category, previous destination, downloaded place or favorite location. ➡ **Find** P. 43 • **Nearby**: Sets a destination by selecting a category near your current position. ➡ **Nearby** P. 50 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF [page 42]*

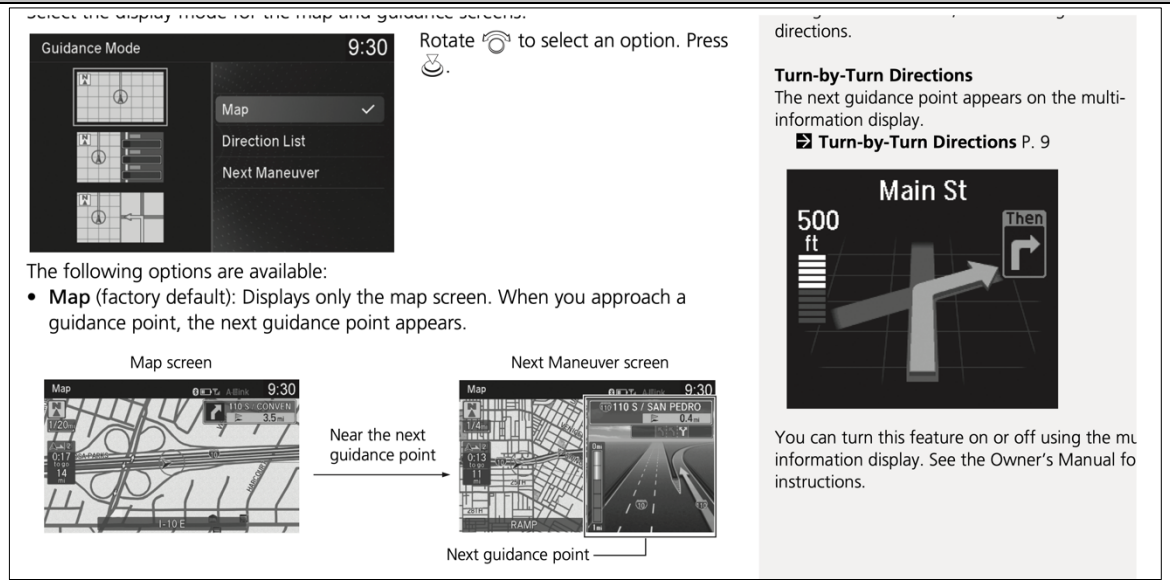
Petitioner Honda Ex-1023, 0041

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Enhanced features provide a better driving experience Beyond basic routing, your navigation system offers a variety of features that enhance your driving experience. Updating your map optimizes features such as:*** **3D LANDMARKS** Seeing 3D Landmarks on your map creates a clear visual connection to the real world. This is especially helpful for urban navigation **LANE GUIDANCE** Lane Guidance ensures that you are always in the right place when approaching exits, road mergers, an complex interchanges *See, https://acuranavi.navigation.com/cms/page.WhyUpdate/en_US/AcuraNA/USD (emphasis added)* Embedded Navigation: Ready When You Are Whether you start your vehicle by turning a key or pressing a button, your embedded navigation system is ready to go. No need to attach cables or mounts. You don't have to worry about data usage. And with a large screen and voice activation, you can keep your eyes on the road and hands on the wheel. Add fresh data to the mix and you've got the ideal navigation experience. Update your navigation system map today and drive with confidence. * Data points above represent the average across all map updates. Exact data is available on each product page. ** If your navigation systems does not already have a speed limit feature, updating your map will not add this feature. *** Available features vary by navigation system. Enhancements to these features also vary by map update. *See, https://acuranavi.navigation.com/cms/page.WhyUpdate/en_US/AcuraNA/USD (emphasis added)*

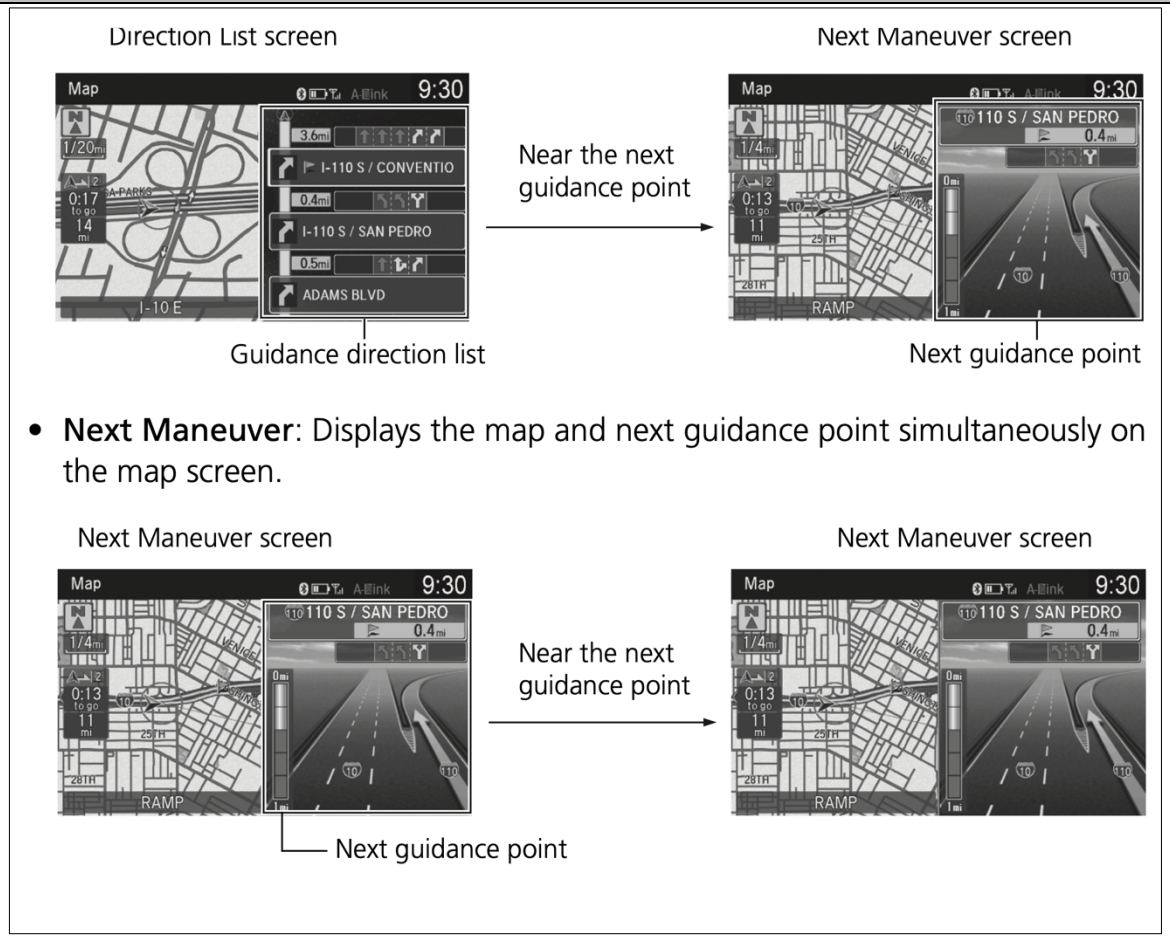
Petitioner Honda Ex-1023, 0042

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Viewing and Selecting the Routes View and select different routes to your destination.  1. Select View Routes on the destination information screen. ➔ **Viewing the Destination Information** P. 55 2. Select an option. ▶ The estimated travel time and travel distance are displayed for each route. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated)[Page 56]*

Petitioner Honda Ex-1023, 0043

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTZ51818OG/enu/BTZ51818NV.PDF (Page 46)*

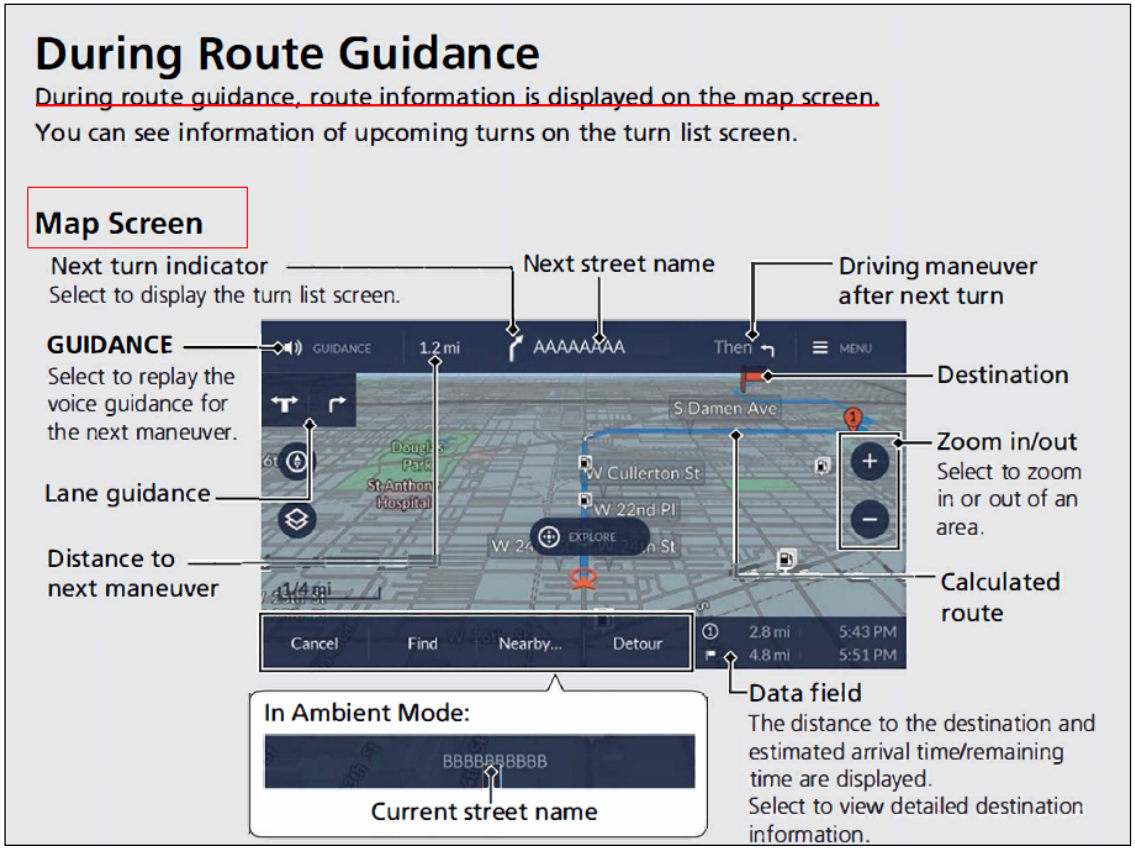
Petitioner Honda Ex-1023, 0044

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTZ51818OG/enu/BTZ51818NV.PDF [Annotated] [Page 47]*
[1.G]: reconstructing the optimal route by the client	The Accused Instrumentalities reconstructs the optimal route by the client using a local mapping database. More specifically, once the non-proprietary, natural language description of the optimal route

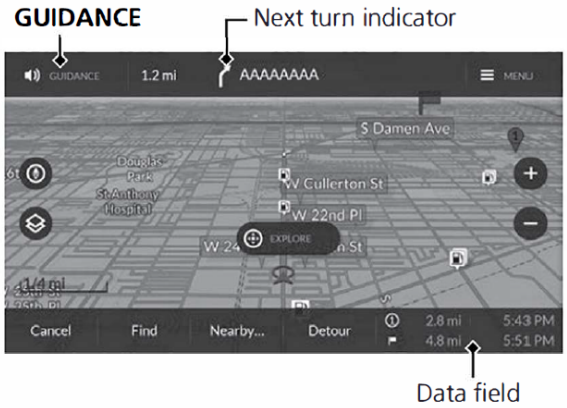
Petitioner Honda Ex-1023, 0045

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
using a local mapping database; and	is downloaded to the vehicle's onboard navigation system, it utilizes its local mapping database. This database contains detailed map information, including roads, intersections, points of interest, and other relevant data. Using the downloaded route description as a reference, the navigation system leverages the local mapping database to reconstruct the optimal route. It analyzes the start and end route designations, along with the real-time information received from the server, to calculate the precise route.

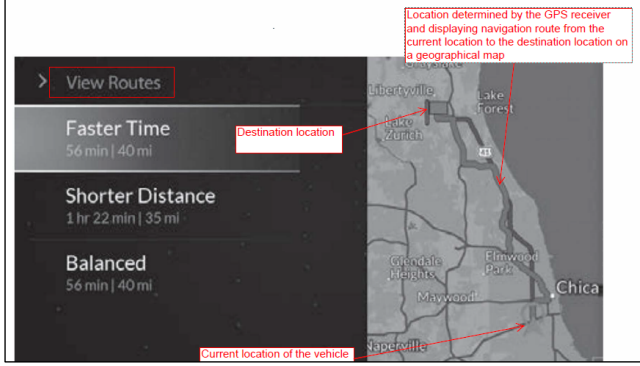
Petitioner Honda Ex-1023, 0046

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (annotated) [Page 7]*

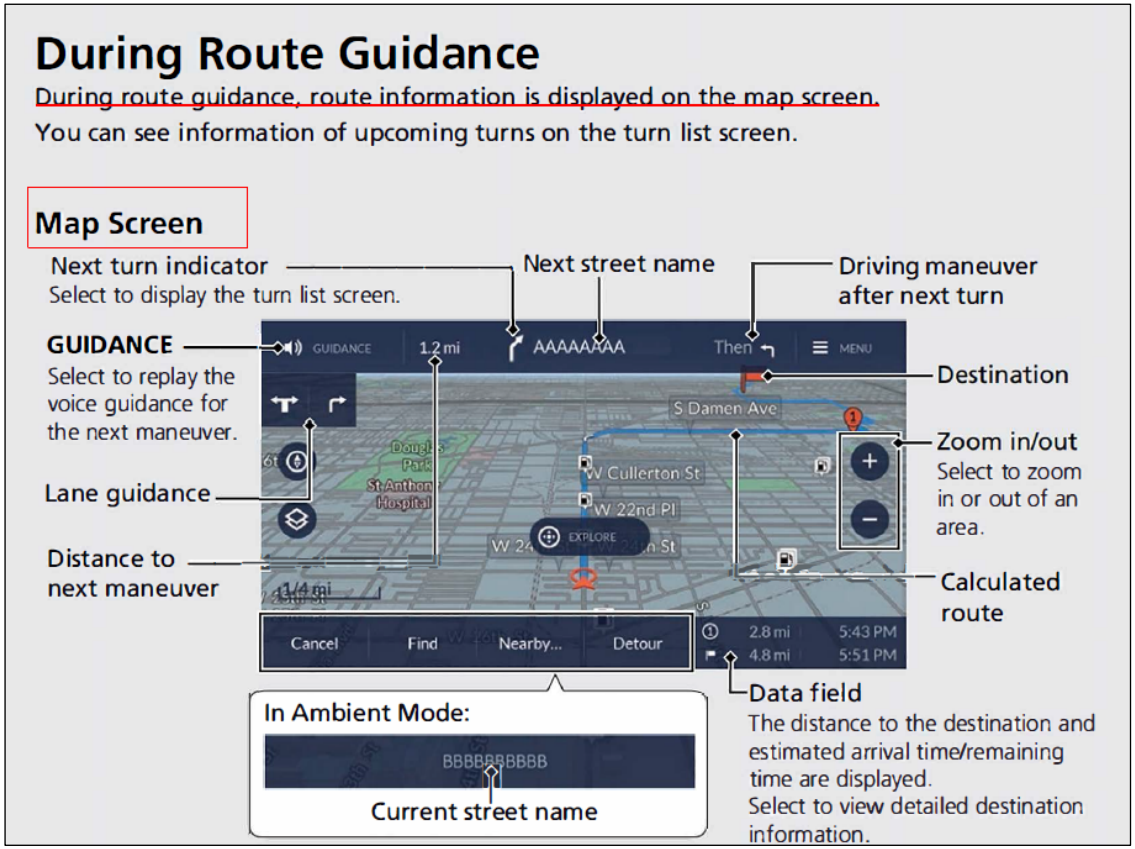
Petitioner Honda Ex-1023, 0047

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Driving to Your Destination **Viewing the Route** This section describes how to follow the route guidance to your destination. **Map Screen**  After calculating the route to your destination, the route is displayed on the map screen. As you drive, the system tracks your position on the map in real time and provides guidance as you approach each guidance point on the route. **During Route Guidance** P. 7 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (emphasis added) [Page 57]*

Petitioner Honda Ex-1023, 0048

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Viewing and Selecting the Routes View and select different routes to your destination.  **1.** Select **View Routes** on the destination information screen. ➔ **Viewing the Destination Information** P. 55 **2.** Select an option. ▶ The estimated travel time and travel distance are displayed for each route. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (Annotated)[Page 56]*
[1.H]: displaying said optimal route on a display system coupled to the client.	The Accused Instrumentalities displays said optimal route on a display system coupled to the client. More specifically, after reconstructing the optimal route using the local mapping database, the client navigation system displays the route on a display system on the vehicle's infotainment system.

Petitioner Honda Ex-1023, 0049

U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (annotated) [Page 7]*

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U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Overview—Functions at a Glance **Navigation** You can select any place/landmark as a destination by using True Touchpad Interface. The navigation system gives you turn-by-turn driving directions to your destination. **Store home address** P. 19 Register your home address. **Store locations** P. 22 Store locations to use as the destination. **Enter destination** P. 42 Select your destination using several methods. **Select route** P. 56 Set route preferences and select one of the available routes. **Track route** P. 57 Follow your route in real-time with voice guidance. **Add waypoints** P. 63 Add "pit stops" along your route. *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF* **Basic Acura Navigation Operation** The Acura navigation system uses GPS and a map database to plot your current location and guide you to your desired destination. You can see your map displayed on the screen in the center of your dash, and you can use buttons to enter destination information. You also the option of controlling your system via voice commands. While you are driving, certain manual functions may be disabled, so default to audible commands! *See, https://www.parkaveacura.com/how-do-i-use-acura-navigation/ (emphasis added)*

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U.S. Patent No. 6,292,743	Toyota Audio Multimedia System ("the Accused Instrumentalities)
	Driving to Your Destination **Viewing the Route** This section describes how to follow the route guidance to your destination. **Map Screen** GUIDANCE Next turn indicator Data field After calculating the route to your destination, the route is displayed on the map screen. As you drive, the system tracks your position on the map in real time and provides guidance as you approach each guidance point on the route. **During Route Guidance** P. 7 *See, http://techinfo.honda.com/rjanisis/pubs/OM/AH/BTYA2222NM/enu/BTYA2222NM.PDF (emphasis added) [Page 57]*

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