

EXHIBIT I2 - U.S. PATENT 9,147,297

Infringement Claim Chart

Upon information and belief, all '297 Accused Instrumentalities use the same or similar structures to implement the features described in the following chart in materially the same way, unless expressly stated otherwise. Accordingly, the described structures, features, and corresponding infringement contentions are representative of infringement by all '297 Accused Instrumentalities, including Accused Instrumentalities of the Ford and Lincoln brands. In addition, the exemplary evidence cited herein, while representative of all '297 Accused Instrumentalities, is non-exhaustive, based on publicly available information, and provided for illustrative purposes only. AutoConnect reserves the right to supplement or amend these contentions based on information obtained during discovery, and to rely on additional evidence consistent with the infringement theories set forth in its infringement contentions.

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Row	Claim 1	
1A	A method, comprising: detecting a user profile associated with a user, the user profile having infotainment information stored therein;	The '297 Accused Instrumentalities perform the method set forth in Rows 1A-1E. The '297 Accused Instrumentalities detect a user profile associated with a user, the user profile having infotainment information stored therein. For example, Ford vehicles can detect and connect to a user's mobile device, such as through Bluetooth, Wi-Fi, or USB. Upon connection, the vehicle identifies and associates the device with one or more stored user profiles. The infotainment information stored in the user profile(s) includes details such as a device identifier, software or operating system version, connection priority, permissions, phone call capabilities, compatibility with Apple CarPlay or Android Auto, and/or user-specific information and preferences. These preferences include driver's seat, steering wheel, and exterior mirror preferences, linked phones and accounts, audio preferences, climate settings, display settings, favorite apps, and more. A Ford Owner Manual, for example, states "If you connect a cell phone to the system, the system creates a profile that links to that cell phone. The cell phone profile enables more mobile features and efficient operation. The profile contains, for example data from your phonebook, read and unread text messages and call history, including history of calls when your cell phone was not connected to the

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	system.” The vehicle can detect the user profile(s) when the user’s mobile device is connected to the vehicle.¹
1B	detecting at least one infotainment system associated with the user; and The ’297 Accused Instrumentalities detect at least one infotainment system associated with the user. For example, the vehicle detects that the user is associated with an infotainment system by, for example, detecting the user’s mobile device when connected to the vehicle.²
	<i>See also</i> Row 1A.
1C	determining to adjust a configuration of the at least one infotainment system based at least partially on the infotainment information in the user profile. For example, the infotainment system is configured to allow different user devices to access particular services and/or perform functions such as making and receiving phone calls, serving as a media source, and/or running Apple CarPlay or Android Auto based on the priority associated with the user device. The configuration of the infotainment system may be adjusted to reflect, for example, whether

¹ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWF0>; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.youtube.com/watch?v=f_T4PZYw2GJ; <https://www.youtube.com/watch?v=LmO85JUqFz4>; <https://www.ford.com/support/how-tos/ford-technology/ford-experience-profile-setup/#:~:text=Profile%20Setup%20Steps,6%20Choose%20apps%20to%20install>; https://www.fordservicecontent.com/Ford_Content/vdirtsnet/OwnerManual/Home/Content?countryCode=USA&language=US&ProcUId=G2406574&div=f&variantId=9454&vFilteringEnabled=False&userMarket=usa&buildtype=web; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owner_US.pdf at 408–415; <https://www.ford.com/support/how-tos/ford-app/manage-my-ford-app-account/fordpass-privacy>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

² See, e.g., https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 408–415; <https://www.youtube.com/watch?v=losLcvfPcoY>; <https://www.youtube.com/watch?v=LmO85JUqFz4>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

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wherein determining to adjust the configuration further comprises:	the infotainment system permits the device to make both outgoing and incoming calls, whether the infotainment system permits the device to receive incoming calls only, whether the infotainment system may access and display contacts associated with the device, whether the infotainment system permits the device to serve as a media source, and/or whether the infotainment system permits the device to establish an Apple CarPlay or Android Auto session.³ 

³ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=tEyPTDtLIDU>.

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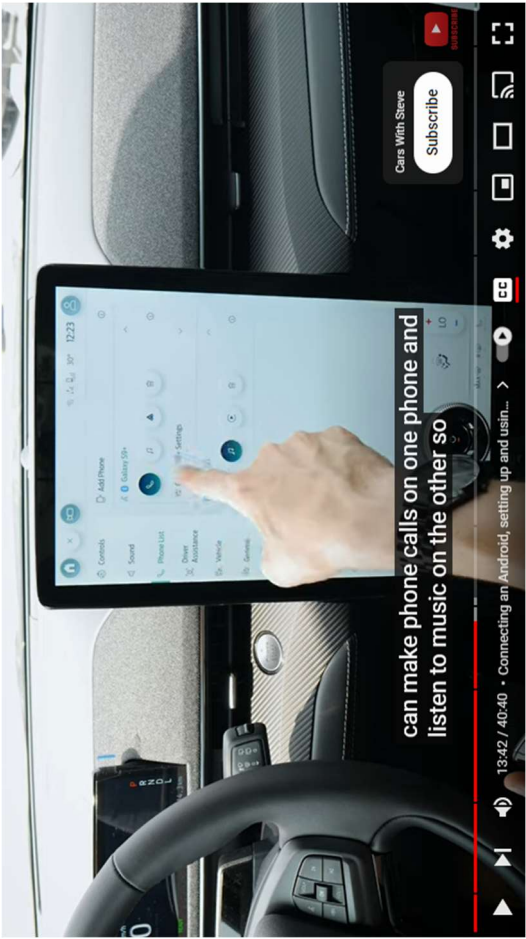
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	 The infotainment system is also configured to allow different users to save individual infotainment preferences to a user profile. The configuration of the infotainment system may be adjusted to reflect, for example, a user’s driver’s seat, steering wheel, and exterior mirror preferences, linked phones and accounts, audio preferences, climate settings, display settings, favorite apps, and more.⁴ <i>See also</i> Row 1A.
1D	determining an access priority of the user; and The ’297 Accused Instrumentalities determine an access priority of the user. For example, upon connecting to a user’s mobile device, the infotainment system determines the access priority based on

⁴ See, e.g., <https://www.youtube.com/watch?v=IosLevfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWF0>; https://www.youtube.com/watch?v=f_T4PZYw2GJ; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=LmO85JUqFz4>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 414–15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

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	settings associated with the mobile device, and/or rules used to determine priority when multiple mobile devices are connected. ⁵
1E determining whether the access priority of the user allows for the adjustment to the configuration of the at least one infotainment system, wherein determining whether the access priority of the user allows for the adjustment further comprises: determining a second access priority of a second user associated with the infotainment system; and comparing the access priority of the user to the second access priority of the second user, wherein the adjustment is allowed when the access priority of the user is greater than the second access priority of the second user, and wherein the adjustment is	The '297 Accused Instrumentalities determine whether the access priority of the user allows for the adjustment to the configuration of the infotainment system, wherein determining whether the access priority of the user allows for the adjustment further comprises determining a second access priority of a second user associated with the infotainment system and comparing the access priority of the user to the second access priority of the second user, wherein the adjustment is allowed when the access priority of the user is greater than the second access priority of the second user, and wherein the adjustment is prevented when the access priority of the user is less than the second access priority of the second user. For example, when the infotainment system is connected to two user devices via Bluetooth and/or WiFi, the infotainment system determines the access priority of each user device. The configuration of the infotainment system will be adjusted depending on the access priorities of the users' devices. For example, if the first user's device has higher access priority (such that the access priority of the first user is greater than the second access priority of the second user) for establishing a CarPlay or Android Auto session, the infotainment system will be adjusted to permit the first user's device to establish an Apple CarPlay or Android Auto session. In contrast, if the first user's device has lower access priority (such that the access priority of the first user is less than the second access priority of the second user) for establishing a CarPlay or Android Auto session, adjustment of the infotainment system will be prevented such that the first user's device is prevented from establishing an Apple CarPlay or Android Auto session when a device having higher access priority is also in the vehicle. For example, a Ford website states "Two phones can be connected and active simultaneously via

⁵ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=tEyPTDtLIDU>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required.>

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prevented when the access priority of the user is less than the second access priority of the second user.	Bluetooth to the Ford Digital Experience. Two phones cannot be connected to Apple CarPlay or Android Auto at the same time. When using the in-vehicle Phone app, the currently connected smartphone is shown or can be switched. Keep in mind that two phones cannot call or conference at the same time.”⁶ In the event that multiple user devices associated with user profiles are connected to the vehicle, the ’297 Accused Instrumentalities apply rules to determine the access priority of each user device for performing various functions such as engaging in a phone call, establishing an Apple CarPlay or Android Auto session, or serving as a media source. As an additional example, if the first user’s device has a higher access priority (such that the access priority of the first user is greater than the second access priority of the second user) and has been linked to a user profile containing the user’s infotainment preferences, the infotainment system will be adjusted to apply the user’s saved preferences, such as driver’s seat, steering wheel, and exterior mirror preferences, audio preferences, climate settings, display settings, and favorite apps. In contrast, if the first user’s device has a lower access priority (such that the access priority of the first user is less than the second access priority of the second user), adjustment of the infotainment system will be prevented such that the first user’s saved infotainment preferences are not applied.⁷ <i>See also</i> Rows 1C and 1D.

⁶ See, e.g., https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required;https://www.youtube.com/watch?v=losLcvfPcoY; https://www.youtube.com/watch?v=f_T4PZYw2GJ; https://www.youtube.com/watch?v=gCv3EJo5iyM; https://www.youtube.com/watch?v=tEyPTDtLIDU.

⁷ See, e.g., https://www.youtube.com/watch?v=losLcvfPcoY; https://www.youtube.com/watch?v=h3457G5mWF0; https://www.youtube.com/watch?v=f_T4PZYw2GJ; https://www.youtube.com/watch?v=gCv3EJo5iyM; https://www.youtube.com/watch?v=LmO85JUqFz4; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 414–15; https://www.ford.com/technology/ford-digital-experience/; https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.

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Row	Claim 4	
4	The method of claim 1, wherein detecting the at least one infotainment system associated with the user is based at least partially on one or more of a proximity of a user and a user device to the at least one infotainment system.	The '297 Accused Instrumentalities perform the method of claim 1 as described above. The '297 Accused Instrumentalities detect the at least one infotainment system associated with the user based at least partially on one or more of a proximity of a user and a user device to the at least one infotainment system. For example, the vehicle detects that the user is associated with an infotainment system by, for example, detecting the user's mobile device when the user's device is within the Bluetooth detection range of the vehicle's infotainment system.⁸
Row	Claim 5	
5A	The method of claim 1, wherein determining to adjust the configuration of the at least one infotainment system further comprises: determining the configuration of the at least one infotainment system; and	The '297 Accused Instrumentalities perform the method of claim 1 as described above. The '297 Accused Instrumentalities determine to adjust the configuration of the at least one infotainment system in a manner that comprises determining the configuration of the at least one infotainment system. For example, when the vehicle detects a profile associated with user and/or the user's mobile device, it determines the configuration of the infotainment system to assess whether an adjustment is required.
5B	determining whether the infotainment information matches the determined configuration of the at least one infotainment	The '297 Accused Instrumentalities determine whether the infotainment information matches the determined configuration of the at least one infotainment system, wherein the infotainment information includes at least one infotainment setting, preference, content, and power state. For example, the vehicle determines whether the determined configuration of the infotainment system

⁸ See, e.g., https://www.youtube.com/watch?v=f_T4PZYw2GJ; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 408-415; <https://www.youtube.com/watch?v=losLcvfPcoY>; <https://www.youtube.com/watch?v=LmO85JUqFz4>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

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	system, wherein the infotainment information includes at least one infotainment setting, preference, content, and power state.	matches the infotainment information associated with the user profile(s). If the infotainment information, such as a user's saved preferences (e.g., driver's seat, steering wheel, and exterior mirror preferences, linked phones and accounts, audio preferences, climate settings, display settings, favorite apps) and/or user device settings (e.g., whether the infotainment system permits the user's device to make both outgoing and incoming calls, receive incoming calls only, serve as a media source, and/or establish an Apple CarPlay or Android Auto session, and/or whether the infotainment system may access and display the contacts associated with the device) does not match the determined configuration, the vehicle adjusts the configuration of the infotainment system. ⁹
		See also Claim 1, Rows 1C and 1E.
Row	Claim 6	
6	The method of claim 5, further comprising: providing, when the infotainment information does not match the determined configuration of the at least one infotainment system, an adjustment output configured to adjust the configuration of the at least one infotainment system.	The '297 Accused Instrumentalities perform the method of claim 5 as described above. The '297 Accused Instrumentalities provide, when the infotainment information does not match the determined configuration of the at least one infotainment system, an adjustment output configured to adjust the configuration of the at least one infotainment system. For example, if the infotainment information does not match the determined configuration, the vehicle adjusts the configuration of the

⁹ See, e.g., https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required;https://www.youtube.com/watch?v=losLcvfPcoY;https://www.youtube.com/watch?v=f_T4PZYw2GI;https://www.youtube.com/watch?v=gCv3EJo5iyM;https://www.youtube.com/watch?v=tEyPTDtLIDU;https://www.youtube.com/watch?v=h3457G5mWF0;https://www.youtube.com/watch?v=LmO85JUqFz4;https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 414–15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

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		infotainment system to reflect the infotainment information, such as the user's preferences and/or user device settings. ¹⁰
		See also Claim 1, Rows 1C and 1E; Claim 5.
Row	Claim 7	
7A	The method of claim 1, further comprising: receiving additional infotainment information via at least one device associated with the user;	The '297 Accused Instrumentalities perform the method of claim 1 as described above. Upon information and belief, the '297 Accused Instrumentalities receive additional infotainment information via at least one device associated with the user. For example, upon information and belief, the vehicle receives infotainment information from a user's mobile device such as information about the apps installed on the user's other devices, saved addresses, travel history, personal contacts, calendar appointments, business contacts, payment information, Internet browsing history and/or browsed content.¹¹

¹⁰ See, e.g., https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required;https://www.youtube.com/watch?v=losLcvfPcoY;https://www.youtube.com/watch?v=f_T4PZYw2GI;https://www.youtube.com/watch?v=gCv3EJo5iyM;https://www.youtube.com/watch?v=tEyPTDdLIDU;https://www.youtube.com/watch?v=h3457G5mWF0;https://www.youtube.com/watch?v=LmO85JUqFz4;https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 414–15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

¹¹ See, e.g., <https://built-in.google/cars/>; <https://corporate.ford.com/articles/research-and-innovation/digital-experience/>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/ford-digital-experience-profile-setup/>; <https://www.nickmayerfordeast.com/blogs/6941/the-new-android-powered-infotainment-system-in-the-2025-ford-explorer-in-cleveland-heights>; <https://www.youtube.com/watch?v=95w2mV4KJ9U>; <https://support.google.com/built-in/answer/9905854>; <https://support.google.com/assistant/answer/11091015>; <https://support.google.com/built-in/answer/13827211>; <https://support.google.com/built-in/answer/9905854>;

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7B	determining whether the additional infotainment information qualifies as user profile data;	Upon information and belief, the '297 Accused Instrumentalities determine whether the additional infotainment information qualifies as user profile data. For example, upon information and belief, the vehicle determines that this additional infotainment information should be included in the user profile. ¹²
7C	and storing, based at least partially on determining that the additional infotainment information qualifies as user profile data, the additional infotainment information in the user profile associated with the user.	Upon information and belief, the '297 Accused Instrumentalities store, based at least partially on determining that the additional infotainment information qualifies as user profile data, the additional infotainment information in the user profile associated with the user. For example, upon information and belief, the '297 Accused Instrumentalities save the information identified in Row 7A for use in future driving sessions, such as when offering automated assistance or suggestions." ¹³

[in/answer/9941814](https://support.google.com/My-Ad-Center-Help/answer/12155656); [https://support.google.com/My-Ad-Center-Help/answer/12156161](https://support.google.com/My-Ad-Center-Help/answer/12155656); <https://www.youtube.com/watch?v=h3457G5mWF0>; <https://www.ford.com/support/how-tos/sync/sync-4a/what-personal-data-does-sync-4a-collect-to-customize-suggestions/>; [https://www.fordservicecontent.com/Ford_Content/vdirtsnet/OwnerManual/Home/Content?variantid=9193&languageCode=en&countryCode=USA&Uid=G2322007&ProcUId=G2322008&userMarket=GBR&div=f&vFilteringEnabled=False&buildtype=web](https://www.fordservicecontent.com/Ford_Content/vdirtsnet/OwnerManual/Home/Content?variantid=9193&languageCode=en&countryCode=USA&Uid=G2322007&ProcUId=G2322008&userMarket=GBR&div=f&vFilteringEnabled=False&buildtype=web;); [https://media.ford.com/content/fordmedia/feu/en/news/2020/09/04/ford-next-generation-sync-technical-briefing.html#:~:text=Debuting%20in%20the%20all%20Delectric,recommendations%20based%20upon%20previous%20journeys](https://media.ford.com/content/fordmedia/feu/en/news/2020/09/04/ford-next-generation-sync-technical-briefing.html#:~:text=Debuting%20in%20the%20all%20Delectric,recommendations%20based%20upon%20previous%20journeys;); <https://www.ford.com/support/how-tos/sync/getting-started-with-sync/how-do-i-create-a-personal-profile-with-sync/#:~:text=to%20Intelligent%20Suggestions,-> ,These%20are%20suggestions%20that%20will%20appear%20on%20the%20SYNC%20screen,Personal%20Profiles%20section%20under%20Setting

gs; <https://www.ford.com/help/privacy/#connectedvehicleprivacynotice>; <https://www.dorianford.com/ford-navigation-system#:~:text=Personalized%20Navigation%20with%20Real%20Time,suggestions%20based%20on%20past%20trips>.

¹² See, e.g., *id.*

¹³ See, e.g., *id.*

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8	The method of claim 1, further comprising: adjusting the configuration of the at least one infotainment system, wherein adjusting the configuration includes at least one of tuning to a station, setting an infotainment input, selecting a content genre, and recording content for playback to the user.	The '297 Accused Instrumentalities perform the method of claim 1 as described above. The '297 Accused Instrumentalities adjust the configuration of the at least one infotainment system, wherein adjusting the configuration includes at least one of tuning to a station, setting an infotainment input, selecting a content genre, and recording content for playback to the user. For example, the vehicle adjusts the configuration of the infotainment system by, for example, setting an infotainment input, such as permitting a user's connected device to serve as a media source and/or establish an Apple CarPlay or Android Auto session.¹⁴ <i>See also</i> Claim 1, Rows 1C and 1E.
Row	Claim 9	
9A	A non-transitory computer readable medium having instructions stored thereon that, when executed by a processor, perform a method comprising: detecting a user profile associated with a user, the user profile having infotainment information stored therein; detecting a user profile associated with a user, the user profile having infotainment information stored therein;	The '297 Accused Instrumentalities comprise a non-transitory computer readable medium having instructions stored thereon that, when executed by a processor¹⁵ perform the steps recited in Rows 9A-9F. The stored instructions of the '297 Accused Instrumentalities, when executed, detect a user profile associated with a user, the user profile having infotainment information stored therein. For example, Ford vehicles can detect and connect to a user's mobile device, such as through Bluetooth, Wi-Fi, or USB. Upon connection, the vehicle identifies and associates the device with one or more stored user profiles. The infotainment information stored in the user profile(s) includes details such as a device identifier, software or operating system version, connection priority, permissions, phone call capabilities, compatibility with Apple CarPlay or Android Auto, and/or user-specific information and preferences.

¹⁴ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=tEyPTDtlIDU>.

¹⁵ Any reference to a "processor" in these contentions includes one or more processors operating individually or in combination to perform the specified claim limitation.

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	These preferences include driver's seat, steering wheel, and exterior mirror preferences, linked phones and accounts, audio preferences, climate settings, display settings, favorite apps, and more. A Ford Owner Manual, for example, states "If you connect a cell phone to the system, the system creates a profile that links to that cell phone. The cell phone profile enables more mobile features and efficient operation. The profile contains, for example data from your phonebook, read and unread text messages and call history, including history of calls when your cell phone was not connected to the system." The vehicle can detect the user profile(s) when the user's mobile device is connected to the vehicle.¹⁶ See also Claim 1, Row 1A.
9B	detecting at least one infotainment system associated with the user; and The stored instructions of the '297 Accused Instrumentalities, when executed, detect at least one infotainment system associated with the user. For example, the vehicle detects that the user is associated with an infotainment system by, for example, detecting the user's mobile device when connected to the vehicle.¹⁷

¹⁶ See, e.g., <https://www.youtube.com/watch?v=losLcvfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWF0>; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=LmO85JUqFz4>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/ford-digital-experience-profile-setup/#:~:text=Profile%20Setup%20Steps,6:%20Choose%20apps%20to%20install>; https://www.fordservicecontent.com/Ford_Content/vdirtsnet/OwnerManual/Home/Content?countryCode=USA&languageCode=EN&UId=G2406610&ProcUId=G2406574&div=f&variantid=9454&vFilteringEnabled=False&userMarket=usa&builddtype=web; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 408-415; <https://www.ford.com/support/how-tos/ford-app/manage-my-ford-app-account/fordpass-privacy-policy/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision>.

¹⁷ See, e.g., https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 408-415; <https://www.youtube.com/watch?v=losLcvfPcoY>; <https://www.youtube.com/watch?v=LmO85JUqFz4>;

EXHIBIT I2 - U.S. PATENT 9,147,297

Infringement Claim Chart

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	See <i>also</i> Claim 1, Row 1B.
9C determining to adjust a configuration of the at least one infotainment system based at least partially on the infotainment information in the user profile,	The stored instructions of the '297 Accused Instrumentalities, when executed, determine to adjust a configuration of the at least one infotainment system based at least partially on the infotainment information in the user profile. For example, the infotainment system is configured to allow different user devices to access particular services and/or perform functions such as making and receiving phone calls, serving as a media source, and/or running Apple CarPlay or Android Auto based on the priority associated with the user device. The configuration of the infotainment system may be adjusted to reflect, for example, whether the infotainment system permits the device to make both outgoing and incoming calls, whether the infotainment system permits the device to receive incoming calls only, whether the infotainment system may access and display contacts associated with the device, whether the infotainment system permits the device to serve as a media source, and/or whether the infotainment system permits the device to establish an Apple CarPlay or Android Auto session. ¹⁸

<https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.18> See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=tEyPTDtLIDU>.

EXHIBIT I2 - U.S. PATENT 9,147,297 Infringement Claim Chart

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EXHIBIT I2 - U.S. PATENT 9,147,297 Infringement Claim Chart

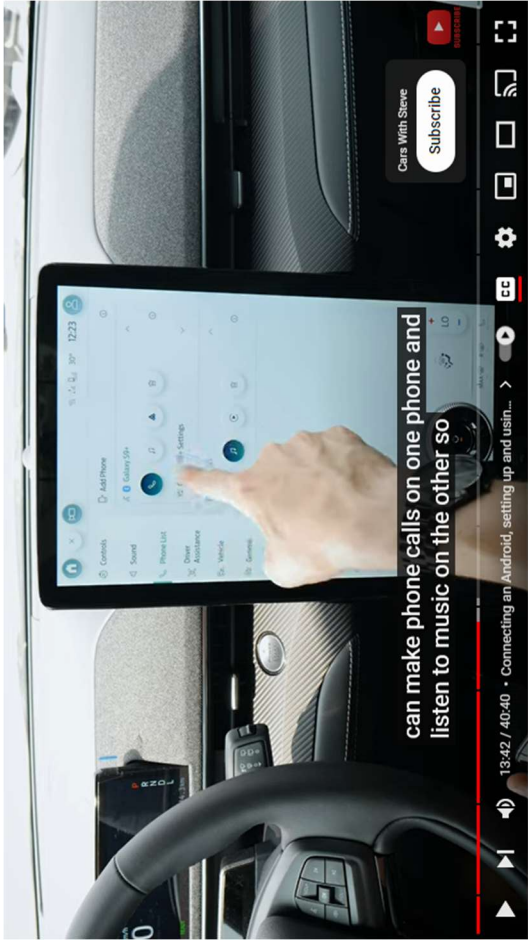
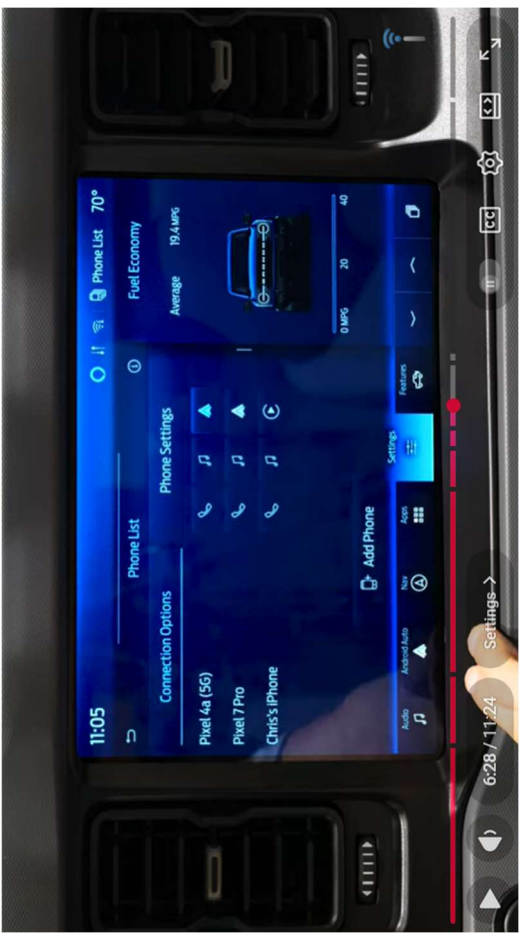
U.S. Patent 9,147,297	Ford Infringing Activities
	 

EXHIBIT I2 - U.S. PATENT 9,147,297

Infringement Claim Chart

U.S. Patent 9,147,297	Ford Infringing Activities
	The infotainment system is also configured to allow different users to save individual infotainment preferences to a user profile. The configuration of the infotainment system may be adjusted to reflect, for example, a user's driver's seat, steering wheel, and exterior mirror preferences, linked phones and accounts, audio preferences, climate settings, display settings, favorite apps, and more.¹⁹ <i>See also</i> Claim 1, Row 1C.
9D	wherein determining to adjust the configuration further comprises: determining an access priority of the user; and The stored instructions of the '297 Accused Instrumentalities, when executed, determine to adjust the configuration in a manner comprising determining an access priority of the user. For example, upon connecting to a user's mobile device, the infotainment system determines the access priority based on settings associated with the mobile device, and/or rules used to determine priority when multiple mobile devices are connected.²⁰ <i>See also</i> Claim 1, Row 1D.
9E	determining whether the access priority of the user allows for the adjustment to the configuration of The stored instructions of the '297 Accused Instrumentalities, when executed, determine whether the access priority of the user allows for the adjustment to the configuration of the at least one infotainment system, wherein determining whether the access priority of the user allows for the

¹⁹ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWFO>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=LmO85JUqFz4>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_from_EN-US.pdf at 414–15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

²⁰ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=tEyPTDdLIDU>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required.>

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Infringement Claim Chart

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the at least one infotainment system, wherein determining whether the access priority of the user allows for the adjustment further comprises: determining a second access priority of a second user associated with the infotainment system; and comparing the access priority of the user to the second access priority of the second user, wherein the adjustment is allowed when the access priority of the user is greater than the second access priority of the second user, and wherein the adjustment is prevented when the access priority of the user is less than the second access priority of the second user.	adjustment further comprises determining a second access priority of a second user associated with the infotainment system and comparing the access priority of the user to the second access priority of the second user, wherein the adjustment is allowed when the access priority of the user is greater than the second access priority of the second user, and wherein the adjustment is prevented when the access priority of the user is less than the second access priority of the second user. For example, when the infotainment system is connected to two user devices via Bluetooth and/or WiFi, the infotainment system determines the access priority of each user device. The configuration of the infotainment system will be adjusted depending on the access priorities of the users' devices. For example, if the first user's device has higher access priority (such that the access priority of the first user is greater than the second access priority of the second user) for establishing a CarPlay or Android Auto session, the infotainment system will be adjusted to permit the first user's device to establish an Apple CarPlay or Android Auto session. In contrast, if the first user's device has lower access priority (such that the access priority of the first user is less than the second access priority of the second user) for establishing a CarPlay or Android Auto session, adjustment of the infotainment system will be prevented such that the first user's device is prevented from establishing an Apple CarPlay or Android Auto session when a device having higher access priority is also in the vehicle. For example, a Ford website states "Two phones can be connected and active simultaneously via Bluetooth to the Ford Digital Experience. Two phones cannot be connected to Apple CarPlay or Android Auto at the same time. When using the in-vehicle Phone app, the currently connected smartphone is shown or can be switched. Keep in mind that two phones cannot call or conference at the same time."²¹ In the event that multiple user devices associated with user profiles are connected to the vehicle, the '297 Accused Instrumentalities apply rules to determine the access priority of each user device for performing various functions such as engaging in a phone call, establishing an Apple CarPlay or Android Auto session, or serving as a media source.

²¹ See, e.g., https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required;https://www.youtube.com/watch?v=losLcvfPcoY;https://www.youtube.com/watch?v=f_T4PZYw2GI;https://www.youtube.com/watch?v=gCv3EJo5iyM;https://www.youtube.com/watch?v=tEyPTDtLIDU.

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		As an additional example, if the first user's device has a higher access priority (such that the access priority of the first user is greater than the second access priority of the second user) and has been linked to a user profile containing the user's infotainment preferences, the infotainment system will be adjusted to apply the user's saved preferences, such as driver's seat, steering wheel, and exterior mirror preferences, audio preferences, climate settings, display settings, and favorite apps. In contrast, if the first user's device has a lower access priority (such that the access priority of the first user is less than the second access priority of the second user), adjustment of the infotainment system will be prevented such that the first user's saved infotainment preferences are not applied.²² <i>See also</i> Claim 1, Row 1E.
Row	Claim 12	
12	The non-transitory computer readable medium of claim 9, wherein detecting the at least one infotainment system associated with the user is based at least partially on one or more of a proximity of a user and a user device to the at least one infotainment system.	The '297 Accused Instrumentalities contain the non-transitory computer readable medium of claim 9 as described above. The computer readable medium of the '297 Accused Instrumentalities contains instructions that, when executed, detect the at least one infotainment system associated with the user based at least partially on one or more of a proximity of a user and a user device to the at least one infotainment system. For example, the vehicle detects that the user is associated with an infotainment system by, for example,

²² See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWF0>; https://www.youtube.com/watch?v=f_T4PZYw2GJ; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=LmO85JUqFz4>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 414-15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

EXHIBIT I2 - U.S. PATENT 9,147,297

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		detecting the user's mobile device when the user's device is within the Bluetooth detection range of the vehicle's infotainment system. ²³ <i>See also</i> Claim 4.
Row	Claim 13	
13A	The non-transitory computer readable medium of claim 9, wherein determining to adjust the configuration of the at least one infotainment system further comprises: determining the configuration of the at least one infotainment system; and	The '297 Accused Instrumentalities contain the non-transitory computer readable medium of claim 9 as described above. The computer readable medium of the '297 Accused Instrumentalities contains instructions that, when executed, determine to adjust the configuration of the at least one infotainment system in a manner that comprises determining the configuration of the at least one infotainment system. For example, when the vehicle detects a profile associated with user and/or the user's mobile device, it determines the configuration of the infotainment system to assess whether an adjustment is required. <i>See also</i> Claim 5, Row 5A.
13B	determining whether the infotainment information matches the determined configuration of the at least one infotainment system, wherein the infotainment information includes at least one	The computer readable medium of the '297 Accused Instrumentalities contains instructions that, when executed, determine whether the infotainment information matches the determined configuration of the at least one infotainment system, wherein the infotainment information includes at least one infotainment setting, preference, content, and power state. For example, the vehicle determines whether the determined configuration of the infotainment system matches the infotainment information associated with the user profile(s). If the infotainment information, such as a user's saved preferences (e.g., driver's seat, steering wheel, and exterior mirror preferences, linked phones and

²³ See, e.g., https://www.youtube.com/watch?v=f_T4PZYw2GJ; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 408-415; <https://www.youtube.com/watch?v=losLcvfPcoY>; <https://www.youtube.com/watch?v=LmO85JUqFz4>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

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	infotainment setting, preference, content, and power state.	accounts, audio preferences, climate settings, display settings, favorite apps) and/or user device settings (e.g., whether the infotainment system permits the user's device to make both outgoing and incoming calls, receive incoming calls only, serve as a media source, and/or establish an Apple CarPlay or Android Auto session, and/or whether the infotainment system may access and display the contacts associated with the device) does not match the determined configuration, the vehicle adjusts the configuration of the infotainment system. ²⁴
		See also Claim 1, Rows 1C and 1E; Claim 5, Row 5B.
Row	Claim 14	
14	The non-transitory computer readable medium of claim 13, wherein the method further comprises: providing, when the infotainment information does not match the determined configuration of the at least one infotainment system, an adjustment output configured to adjust the configuration of the at least one infotainment system.	The '297 Accused Instrumentalities contain the non-transitory computer readable medium of claim 13 as described above. The computer readable medium of the '297 Accused Instrumentalities contains instructions that, when executed, provide, when the infotainment information does not match the determined configuration of the at least one infotainment system, an adjustment output configured to adjust the configuration of the at least one infotainment system. For example, if the infotainment information does not match the

²⁴ See, e.g., https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required;https://www.youtube.com/watch?v=losLcvfPcoY;https://www.youtube.com/watch?v=f_T4PZYw2GI;https://www.youtube.com/watch?v=gCv3EJo5iyM;https://www.youtube.com/watch?v=tEyPTDtLIDU;https://www.youtube.com/watch?v=h3457G5mWF0;https://www.youtube.com/watch?v=LmO85JUqFz4;https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 414–15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

EXHIBIT I2 - U.S. PATENT 9,147,297 Infringement Claim Chart

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		determined configuration, the vehicle adjusts the configuration of the infotainment system to reflect the infotainment information, such as the user's preferences and/or user device settings. ²⁵ <i>See also</i> Claim 1, Rows 1C and 1E; Claim 5; Claim 6.
Row	Claim 15	
15A	An infotainment control system, comprising: a profile identification module contained in a memory and executed by a processor of the infotainment control system, the profile identification module configured to detect a user profile associated with a user,	The '297 Accused Instrumentalities comprise an infotainment control system comprising the elements in Rows 15A-15F. The infotainment control system of the '297 Accused Instrumentalities comprises a profile identification module contained in a memory and executed by a processor²⁶ of the infotainment control system, the profile identification module configured to detect a user profile associated with a user. For example, the stored instructions of the '297 Accused Instrumentalities comprise a profile identification module contained in a memory and executed by a processor of the infotainment control system. The profile identification module is configured to detect one or more user profile(s) associated with a user when the user's mobile device is identified. The user profile(s) contain information about the user and the user's mobile device, such as a device identifier, software or operating system version, connection priority, permissions, phone call capabilities, compatibility with Apple CarPlay or Android Auto, and/or user-specific information and preferences. These preferences

²⁵ See, e.g., https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required;https://www.youtube.com/watch?v=losLcvfPcoY;https://www.youtube.com/watch?v=f_T4PZYw2GI;https://www.youtube.com/watch?v=gCv3EJo5iyM;https://www.youtube.com/watch?v=tEyPTDtLIDU;https://www.youtube.com/watch?v=h3457G5mWF0;https://www.youtube.com/watch?v=LmO85JUqFz4;https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_from_EN-US.pdf at 414–15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

²⁶ Any reference to a “processor” in these contentions includes one or more processors operating individually or in combination to perform the specified claim limitation.

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Infringement Claim Chart

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	include driver's seat, steering wheel, and exterior mirror preferences, linked phones and accounts, audio preferences, climate settings, display settings, favorite apps, and more. A Ford Owner Manual, for example, states "If you connect a cell phone to the system, the system creates a profile that links to that cell phone. The cell phone profile enables more mobile features and efficient operation. The profile contains, for example data from your phonebook, read and unread text messages and call history, including history of calls when your cell phone was not connected to the system."²⁷ <i>See also</i> Claim 1, Rows 1A and 1B.
15B	the user profile having infotainment information stored therein, The user profile of the '297 Accused Instrumentalities described in Row 15A is a user profile having infotainment information stored therein. For example, the infotainment information stored in the user profile(s) includes a unique device identifier, software or operating system version, connection priority, permissions, phone call capabilities, compatibility with Apple CarPlay or Android Auto, and/or user-specific information and preferences. The information and preferences can include, for

²⁷ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWF0>; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=LmO85JUqFz4>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/ford-digital-experience-profile-setup/#:~:text=Profile%20Setup%20Steps,6:%20Choose%20apps%20to%20install>; https://www.fordservicecontent.com/Ford_Content/vdirsnet/OwnerManual/Home/Content?countryCode=USA&languageCode=EN&Uid=G2406610&ProcUid=G2406574&div=f&variantid=9454&vFilteringEnabled=False&userMarket=usa&buildtype=web; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 408-415; <https://www.ford.com/support/how-tos/ford-app/manage-my-ford-app-account/fordpass-privacy-policy/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision>.

EXHIBIT I2 - U.S. PATENT 9,147,297 Infringement Claim Chart

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	example, driver's seat, steering wheel, and exterior mirror preferences, linked phones and accounts, audio preferences, climate settings, display settings, favorite apps, and more. ²⁸ <i>See also</i> Claim 1, Row 1A.
15C	The profile identification module of the '297 Accused Instrumentalities, comprises instructions that, when executed, detect at least one infotainment system associated with the user. For example, the vehicle detects that the user is associated with an infotainment system by, for example, detecting the user's mobile device when connected to the vehicle. ²⁹ <i>See also</i> Claim 1, Row 1B.
15D	The profile identification module of the '297 Accused Instrumentalities comprises instructions that, when executed, determine to adjust a configuration of the at least one infotainment system based at least partially on the infotainment information in the user profile.

²⁸ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWF0>; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.youtube.com/watch?v=f_T4PZYw2Gf; <https://www.youtube.com/watch?v=LmO85JUqFz4>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience-profile-setup/#:~:text=Profile%20Setup%20Steps,6:%20Choose%20apps%20to%20install>; https://www.fordservicecontent.com/Ford_Content/vdirsnet/OwnerManual/Home/Content?countryCode=USA&languageCode=EN&UId=G2406610&ProcUId=G2406574&div=f&variantid=9454&vFilteringEnabled=False&userMarket=usa&buildtype=web; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 408-415; <https://www.ford.com/support/how-tos/ford-app/manage-my-ford-app-account/fordpass-privacy-policy/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision>.

²⁹ See, e.g., https://www.youtube.com/watch?v=f_T4PZYw2Gf; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 408-415; <https://www.youtube.com/watch?v=IosLcvfPcoY>; <https://www.youtube.com/watch?v=LmO85JUqFz4>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision>.

EXHIBIT I2 - U.S. PATENT 9,147,297 Infringement Claim Chart

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partially on the infotainment information in the user profile,	For example, the infotainment system is configured to allow different user devices to access particular services and/or perform functions such as making and receiving phone calls, serving as a media source, and/or running Apple CarPlay or Android Auto based on the priority associated with the user device. The configuration of the infotainment system may be adjusted to reflect, for example, whether the infotainment system permits the device to make both outgoing and incoming calls, whether the infotainment system permits the device to receive incoming calls only, whether the infotainment system may access and display contacts associated with the device, whether the infotainment system permits the device to serve as a media source, and/or whether the infotainment system permits the device to establish an Apple CarPlay or Android Auto session.³⁰ 

³⁰ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=tEyPTDtLIDU>.

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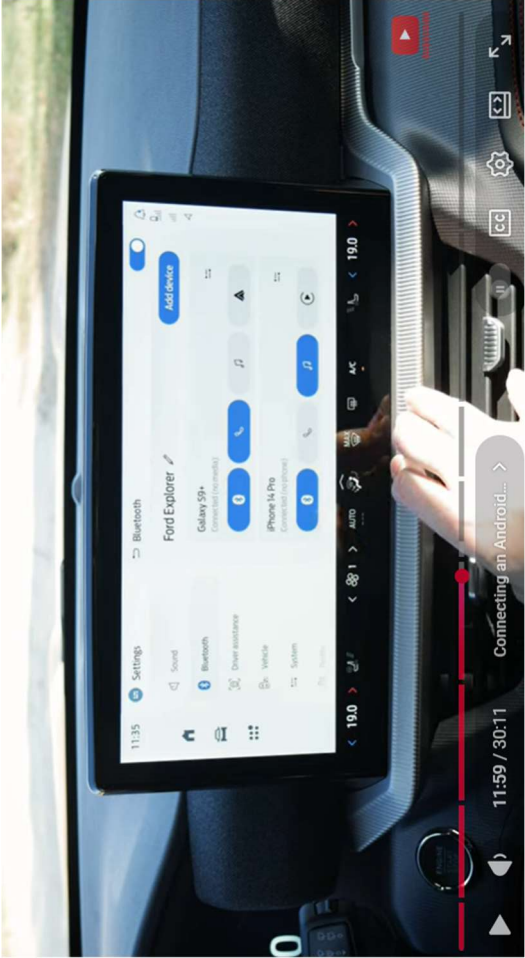
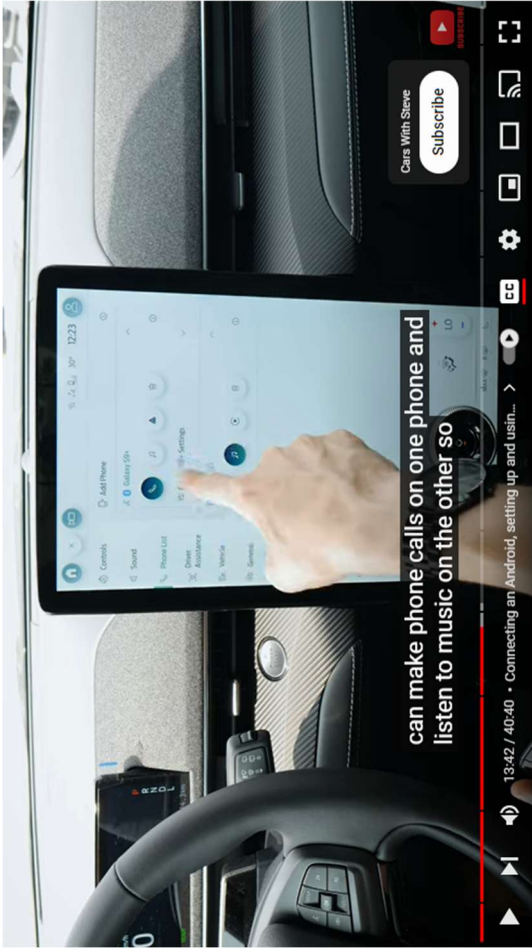
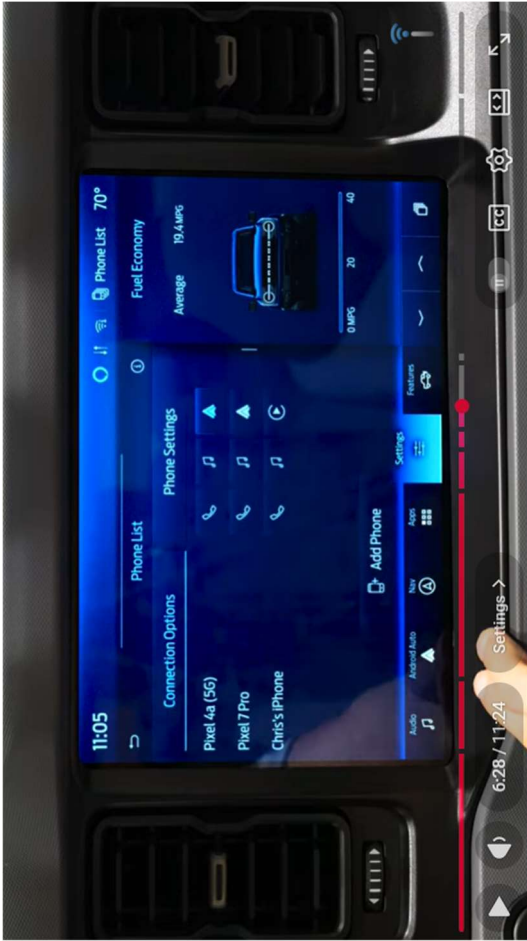
U.S. Patent 9,147,297	Ford Infringing Activities
	 

EXHIBIT I2 - U.S. PATENT 9,147,297
Infringement Claim Chart

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	 The infotainment system is also configured to allow different users to save individual infotainment preferences to a user profile. The configuration of the infotainment system may be adjusted to reflect, for example, a user's driver's seat, steering wheel, and exterior mirror preferences, linked phones and accounts, audio preferences, climate settings, display settings, favorite apps, and more.³¹ <i>See also</i> Claim 1, Row 1C.

³¹ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWF0>; https://www.youtube.com/watch?v=f_T4PZYw2GJ; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=LmO85JUqFz4>; https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 414-15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision.>

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15E	The profile identification module of the '297 Accused Instrumentalities comprises instructions that, when executed, determine an access priority of the user in the process of determining whether to adjust the configuration. For example, upon connecting to a user's mobile device, the infotainment system determines the access priority based on settings associated with the mobile device, and/or rules used to determine priority when multiple mobile devices are connected.³² <i>See also</i> Claim 1, Row 1D.
15F	The profile identification module of the '297 Accused Instrumentalities comprises instructions that, when executed, determine whether the access priority of the user allows for the adjustment to the configuration of the at least one infotainment system, wherein determining whether the access priority of the user allows for the adjustment comprises determining a second access priority of a second user associated with the infotainment system, and comparing the access priority of the user to the second access priority of the second user, wherein the adjustment is allowed when the access priority of the user is greater than the second access priority of the second user, and wherein the adjustment is prevented when the access priority of the user is less than the second access priority of the second user. For example, when the infotainment system is connected to two user devices via Bluetooth and/or WiFi, the infotainment system determines the access priority of each user device. The configuration of the infotainment system will be adjusted depending on the access priorities of the users' devices. For example, if the first user's device has higher access priority (such that the access priority of the

³² See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=tEyPTDdLIDU>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required.>

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priority of the second user, wherein the adjustment is allowed when the access priority of the user is greater than the second access priority of the second user, and wherein the adjustment is prevented when the access priority of the user is less than the second access priority of the second user.	first user is greater than the second access priority of the second user) for establishing a CarPlay or Android Auto session, the infotainment system will be adjusted to permit the first user's device to establish an Apple CarPlay or Android Auto session. In contrast, if the first user's device has lower access priority (such that the access priority of the first user is less than the second access priority of the second user) for establishing a CarPlay or Android Auto session, adjustment of the infotainment system will be prevented such that the first user's device is prevented from establishing an Apple CarPlay or Android Auto session when a device having higher access priority is also in the vehicle. For example, a Ford website states "Two phones can be connected and active simultaneously via Bluetooth to the Ford Digital Experience. Two phones cannot be connected to Apple CarPlay or Android Auto at the same time. When using the in-vehicle Phone app, the currently connected smartphone is shown or can be switched. Keep in mind that two phones cannot call or conference at the same time."³³ In the event that multiple user devices associated with user profiles are connected to the vehicle, the '297 Accused Instrumentalities apply rules to determine the access priority of each user device for performing various functions such as engaging in a phone call, establishing an Apple CarPlay or Android Auto session, or serving as a media source. As an additional example, if the first user's device has a higher access priority (such that the access priority of the first user is greater than the second access priority of the second user) and has been linked to a user profile containing the user's infotainment preferences, the infotainment system will be adjusted to apply the user's saved preferences, such as driver's seat, steering wheel, and exterior mirror preferences, audio preferences, climate settings, display settings, and favorite apps. In contrast, if the first user's device has a lower access priority (such that the access priority of the first user is less

³³ See, e.g., https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/how-do-i-pair-my-phone-with-my-vehicle/#:~:text=Select%20your%20phone%20on%20the,new%20pairing%20will%20be%20required;https://www.youtube.com/watch?v=losLcvfPcoY; https://www.youtube.com/watch?v=f_T4PZYw2GI; https://www.youtube.com/watch?v=gCv3EJo5iyM; https://www.youtube.com/watch?v=tEyPTdLIDU.

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		than the second access priority of the second user), adjustment of the infotainment system will be prevented such that the first user's saved infotainment preferences are not applied. ³⁴ <i>See also</i> Claim 1, Row 1E.
Row	Claim 17	
17A	The method of claim 1, further comprising: collecting, while the at least one infotainment system is online, additional infotainment information associated with the user;	The '297 Accused Instrumentalities perform the method of claim 1 as described above. The '297 Accused Instrumentalities collect, while the at least one infotainment system is online, additional infotainment information associated with the user. For example, the vehicle collects infotainment information such as information about the apps installed on the user's other devices, saved addresses, travel history, calendar appointments, payment information, Internet browsing history and/or browsed content. ³⁵

³⁴ See, e.g., <https://www.youtube.com/watch?v=IosLcvfPcoY>; <https://www.youtube.com/watch?v=h3457G5mWF0>; https://www.youtube.com/watch?v=f_T4PZYw2GI; <https://www.youtube.com/watch?v=gCv3EJo5iyM>; <https://www.youtube.com/watch?v=LmO85JUqFz4>;

https://www.fordservicecontent.com/Ford_Content/Catalog/owner_information/2024_Ford_Mustang_Mach-E_Owners_Manual_version_1_om_EN-US.pdf at 414–15; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.moontownshipford.net/blogs/2608/ford-sync-4/#:~:text=Personalized%20Profiles%20and%20Preferences,your%20voice%20commands%20with%20precision>.

³⁵ See, e.g., <https://built-in.google/cars/>; <https://corporate.ford.com/articles/research-and-innovation/digital-experience/>; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/ford-digital-experience-profile-setup/>; <https://www.nickmayerfordeast.com/blogs/6941/the-new-android-powered-infotainment-system-in-the-2025-ford-explorer-in-cleveland-heights>; <https://www.youtube.com/watch?v=95w2mV4KJ9U>; <https://support.google.com/built-in/answer/9905854>; <https://support.google.com/assistant/answer/11091015>; <https://support.google.com/built-in/answer/13827211>; <https://support.google.com/My-Ad-Center-Help/answer/9941814>; <https://support.google.com/My-Ad-Center-Help/answer/12156161>; <https://www.youtube.com/watch?v=h3457G5mWF0>; <https://www.ford.com/support/how-tos/sync/sync-4a/what-personal-data-does-sync-4a-collect-to-customize-suggestions/>;

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17B and storing the additional infotainment information in the user profile associated with the user.	The '297 Accused Instrumentalities store the additional infotainment information in one or more user profile(s) associated with the user. For example, this information may be stored in the user profile(s) in connection with "an advertising ID unique to each user profile on [the] infotainment system."³⁶ This information may also be stored in the user profile(s) to assist the user with functions such as navigation and personalized recommendations, suggestions, navigation recommendations, app recommendations, and Google Assistant responses.³⁷

https://www.fordservicecontent.com/Ford_Content/vdirtsnet/OwnerManual/Home/Content?variantid=9193&languageCode=en&countryCode=USA&Uid=G23222007&ProcUid=G23222008&userMarket=GBR&div=f&vFilteringEnabled=False&buildtype=web;
<https://media.ford.com/content/fordmedia/feu/en/news/2020/09/04/ford-next-generation-sync-technical-briefing.html#:~:text=Debuting%20in%20the%20all%20Delectric,recommendations%20based%20upon%20previous%20journeys;>
<https://www.ford.com/support/how-tos/sync/getting-started-with-sync/how-do-i-create-a-personal-profile-with-sync/#:~:text=to%20Intelligent%20Suggestions.->

,These%20are%20suggestions%20that%20will%20appear%20on%20the%20SYNC%20screen,Personal%20Profiles%20section%20under%20Settings; <https://www.ford.com/help/privacy/#connectedvehicleprivacynotice>; <https://www.dorianford.com/ford-navigation-system/#:~:text=Personalized%20Navigation%20with%20Real%20Time,suggestions%20based%20on%20past%20trips>.

³⁶ See, e.g., <https://support.google.com/My-Ad-Center-Help/answer/13827211>; <https://support.google.com/My-Ad-Center-Help/answer/12155656>.

³⁷ See, e.g., <https://corporate.ford.com/articles/research-and-innovation/digital-experience/>; <https://www.ford.com/technology/ford-digital-experience/>; <https://www.nickmayerfordeast.com/blogs/6941/the-new-android-powered-infotainment-system-in-the-2025-ford-explorer-in-cleveland-heights>; <https://www.youtube.com/watch?v=95w2mV4KJ9U>; <https://support.google.com/built-in/answer/9905854>; <https://support.google.com/assistant/answer/11091015>; <https://support.google.com/built-in/answer/9941814>; <https://support.google.com/My-Ad-Center-Help/answer/12156161>; <https://www.ford.com/support/how-tos/sync/sync-4a/what-personal-data-does-sync-4a-collect-to-customize-suggestions/>; <https://media.ford.com/content/fordmedia/feu/en/news/2020/09/04/ford-next-generation-sync-technical-briefing.html#:~:text=Debuting%20in%20the%20all%20Delectric,recommendations%20based%20upon%20previous%20journeys>; <https://www.ford.com/help/privacy/#connectedvehicleprivacynotice>; <https://www.dorianford.com/ford-navigation-system/#:~:text=Personalized%20Navigation%20with%20Real%20Time,suggestions%20based%20on%20past%20trips>.

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Infringement Claim Chart

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Row	Claim 18	
18	The method of claim 17, wherein the additional infotainment information includes one or more of preferred radio stations, content applications, listening content, viewing content, content playback settings, genres, content consumption habits, and recording preferences.	The '297 Accused Instrumentalities perform the method of claim 17 as described above. The '297 Accused Instrumentalities collect additional infotainment information that includes one or more of preferred radio stations, content applications, listening content, viewing content, content playback settings, genres, content consumption habits, and recording preferences. For example, the vehicle collects additional infotainment information including information about content applications installed on a user's device, listening content, viewing content, and content consumption habits.³⁸
Row	Claim 19	
19A	The non-transitory computer readable medium of claim 9, wherein the method further comprises: collecting, while the at least one infotainment system is online, additional infotainment information associated with the user; and	The '297 Accused Instrumentalities comprise the non-transitory computer readable medium of claim 9 as described above. The '297 Accused Instrumentalities comprise a non-transitory computer readable medium having instructions stored thereon that, when executed by a processor, perform a method comprising collecting, while the at least one infotainment system is online, additional infotainment information associated with the user; and storing the additional infotainment information in the user profile associated with the user. For example, the vehicle collects infotainment information such as

²⁶ See, e.g., <https://www.youtube.com/watch?v=95w2mV4KJ9U>; <https://support.google.com/built-in/answer/9905854>; <https://support.google.com/assistant/answer/11091015>; <https://support.google.com/built-in/answer/13827211>; <https://support.google.com/My-Ad-Center-Help/answer/12156161>; <https://support.google.com/built-in/answer/9941814>; <https://support.google.com/My-Ad-Center-Help/answer/12155656>.

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	information about the apps installed on the user's other devices, saved addresses, travel history, calendar appointments, payment information, Internet browsing history and/or browsed content. ³⁹
19B	The '297 Accused Instrumentalities comprise a computer readable medium that comprises instructions that, when executed by a processor, store the additional infotainment information in one or more user profile(s) associated with the user. For example, this information may be stored in the user profile(s) in connection with "an advertising ID unique to each user profile on [the] infotainment system."⁴⁰ This information may also be stored in the user profile(s) to assist the user with functions such as

³⁹ See, e.g., <https://built-in.google/cars/>; <https://corporate.ford.com/articles/research-and-innovation/digital-experience/>;

<https://www.ford.com/technology/ford-digital-experience/>; <https://www.ford.com/support/how-tos/ford-technology/ford-digital-experience/ford-digital-experience-profile-setup/>; <https://www.nickmayerfordcast.com/blogs/6941/the-new-android-powered-infotainment-system-in-the-2025-ford-explorer-in-cleveland-heights>; <https://www.youtube.com/watch?v=95w2mV4KJ9U>; <https://support.google.com/built-in/answer/9905854>; <https://support.google.com/assistant/answer/11091015>; <https://support.google.com/built-in/answer/13827211>; <https://support.google.com/My-Ad-Center-Help/answer/12155656>; <https://support.google.com/My-Ad-Center-Help/answer/12156161>; <https://www.youtube.com/watch?v=h3457G5mWF0>; <https://www.ford.com/support/how-tos/sync/sync-4a/what-personal-data-does-sync-4a-collect-to-customize-suggestions/>;

https://www.fordservicecontent.com/Ford_Content/vdirsnet/OwnerManual/Home/Content?variantid=9193&languageCode=en&countryCode=USA&Uid=G2322007&ProcUid=G2322008&userMarket=GBR&div=f&vFilteringEnabled=False&buildtype=web;
<https://media.ford.com/content/fordmedia/feu/en/news/2020/09/04/ford-next-generation-sync-technical-briefing.html#:~:text=Debuting%20in%20the%20all%20Electric,recommendations%20based%20upon%20previous%20journeys;>
<https://www.ford.com/support/how-tos/sync/getting-started-with-sync/how-do-i-create-a-personal-profile-with-sync/#:~:text=to%20Intelligent%20Suggestions,->

These%20are%20suggestions%20that%20will%20appear%20on%20the%20SYNC%20screen,Personal%20Profiles%20section%20under%20Setting

⁴⁰ See, e.g., <https://support.google.com/built-in/answer/1382721>; <https://support.google.com/My-Ad-Center-Help/answer/12155656>.

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		navigation and personalized recommendations, suggestions, navigation recommendations, app recommendations, and Google Assistant responses. ⁴¹
Row	Claim 20	
20	The non-transitory computer readable medium of claim 19, wherein the additional infotainment information includes one or more of preferred radio stations, content applications, listening content, viewing content, content playback settings, genres, content consumption habits, and recording preferences.	The '297 Accused Instrumentalities comprise the non-transitory computer readable medium of claim 19 as described above. The '297 Accused Instrumentalities comprise a computer readable medium that comprises instructions that, when executed by a processor, collect additional infotainment information that includes one or more of preferred radio stations, content applications, listening content, viewing content, content playback settings, genres, content consumption habits, and recording preferences. For example, the vehicle collects additional infotainment information including information about content applications installed on a user's device, listening content, viewing content, and content consumption habits.⁴²

⁴¹ See, e.g., <https://corporate.ford.com/articles/research-and-innovation/digital-experience/>; <https://www.nickmayerfordeast.com/blogs/6941/the-new-android-powered-infotainment-system-in-the-2025-ford-explorer-in-cleveland-heights>; <https://www.youtube.com/watch?v=95w2mV4KJ9U>; <https://support.google.com/built-in/answer/9905854>; <https://support.google.com/assistant/answer/11091015>; <https://www.ford.com/support/how-tos/sync/sync-4a/what-personal-data-does-sync-4a-collect-to-customize-center-help/answer/12156161>; <https://media.ford.com/content/fordmedia/feu/en/news/2020/09/04/ford-next-generation-sync-technical-briefing.html#:~:text=Debuting%20in%20the%20all%20Delectric,recommendations%20based%20upon%20previous%20journeys,https://www.ford.com/help/privacy/#connectedvehicleprivacynotice>; <https://www.dorianford.com/ford-navigation-system#:~:text=Personalized%20Navigation%20with%20Real%20Time,suggestions%20based%20on%20past%20trips,system#:~:text=Personalized%20Navigation%20with%20Real%20Time,suggestions%20based%20on%20past%20trips>.

⁴² See, e.g., <https://www.youtube.com/watch?v=95w2mV4KJ9U>; <https://support.google.com/built-in/answer/9905854>; <https://support.google.com/assistant/answer/11091015>; <https://support.google.com/built-in/answer/13827211>; <https://support.google.com/My-Ad-Center-Help/answer/12156161>; <https://support.google.com/built-in/answer/9941814>; <https://support.google.com/My-Ad-Center-Help/answer/12155656>.