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(54) Title: DYNAMIC AUTONOMOUS VEHICLE SERVICING AND MANAGEMENT

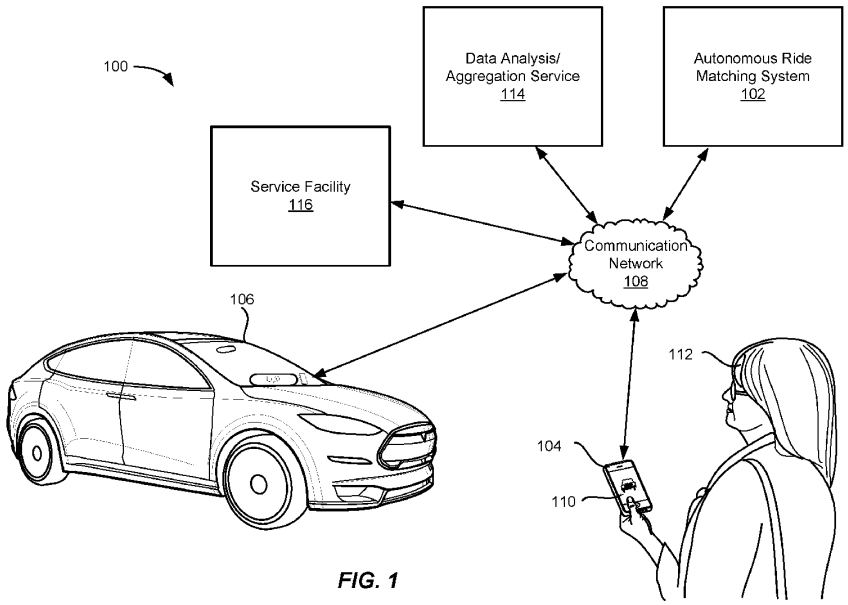


FIG. 1

(57) Abstract: Embodiments provide techniques for autonomous vehicle management. When a service request (e.g., ride request, maintenance request, idling request, etc.) is received, the service request may be matched with an appropriate service provider (e.g., an autonomous vehicle to a rider, a maintenance facility to an autonomous vehicle, etc.). An autonomous vehicle may be then be dispatched based on the service request. For example, the autonomous vehicle may be dispatched to a pickup location associated with a ride request. Similarly, the autonomous vehicle may be dispatched to a maintenance facility in response to receiving a maintenance request. The maintenance request may be triggered after applying one or more thresholds and/or rules to the autonomous ride data collected from the autonomous vehicle. As autonomous ride data is collected from various autonomous vehicles, it can be analyzed to determine traffic patterns, road conditions, or other data.

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