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

CARMA TECHNOLOGY, CORP., CARMA TECHNOLOGY, LTD. Plaintiffs, v. UBER TECHNOLOGIES, INC., UBER FREIGHT HOLDING CORPORATION, AND UBER FREIGHT US LLC Defendants.	Civil Action No.: 2:25-cv-00029-JRG-RSP **JURY TRIAL DEMANDED**

JOINT P.R. 4-5 STATEMENT

Pursuant to P.R. 4-5(d) and the Docket Control Order (Dkt. 25), Plaintiffs Carma Technology Corp. and Carma Technology, Ltd. ("Plaintiffs" or "Carma") and Defendants Uber Technologies, Inc., Uber Freight Holding Corporation, and Uber Freight US LLC ("Defendants") (collectively, "Parties") submit this Joint Claim Construction Chart, attached hereto as Appendix A.

The claim construction hearing relating to the claims of U.S. Patent Nos. 7,840,427 (the "'427 Patent"), 10,741,071 (the "'071 Patent"), 10,916,138 (the "'138 Patent"), 11,017,668 (the "'668 Patent"), and 11,164,456 (the "'456 Patent"), is scheduled to occur on June 9, 2026 at 1:30 PM in Marshall, Texas before this Court.

Dated: April 20, 2026

Respectfully submitted,

/s/ Gareth DeWalt

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that on April 20, 2026, a copy of the foregoing was served on counsel for Defendant via electronic mail.

/s/ Gareth DeWalt
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APPENDIX A

No.	Claim Term / Phrase / Clause	Plaintiffs' Proposed Construction	Defendants' Proposed Construction	Court's Construction
U.S. Patent No. 7,840,427				
1	"network of nodes" ('427 Patent, claims 1, 3, 15)[1] <u>'427 Patent, claim 1</u>: A method of sharing transportation employing a ground transportation network comprising the steps of providing a computer network; establishing an electronic registry in said computer network of capacity containing an indication of the spare transport capacity and location of a plurality of transport vehicles; establishing a **network of nodes** in said computer network representing a plurality of pick-up points and a plurality of drop-off points; abstracting a geographic representation of a predetermined transport vehicle journey by calculating places where said predetermined transport vehicle journey intersects said nodes and representing said predetermined transport	a set of geographic locations (such as addresses or intersections) where a customer could be picked up or dropped off	the pick-up points and drop-off points interconnected by predetermined transport vehicle journey routes	

[1] Dependent claims that do not include the claim term are omitted.

	vehicle journey in the format of a set of said nodes; providing an electronic registry in said computer network of demand containing an indication of the demand for transportation needs of a plurality of transport users; effecting a match in a match engine in said computer network of said transport capacity of at least one transport vehicle in said electronic registry of capacity with said transport demand for a journey of at least one transport user in said electronic registry of demand for transport between at least two of said nodes. <u>'427 Patent claim 3</u>: A method as set forth in claim 1 wherein the step of establishing said **network of nodes** is determined by creating an in-vehicle system. <u>'427 Patent claim 15</u>: A ground transportation network comprising a computer network; an electronic registry of capacity in said computer network containing an indication of the spare transport capacity and location of a plurality of transport vehicles; a display system for displaying a **network of nodes** in said computer network representing a plurality of pick-up points and a plurality of drop-off points;			

	an electronic registry of demand in said computer network containing an indication of the demand for transportation needs of a plurality of transport users; a matching engine in said computer network to effect a match of said transport capacity of at least one transport vehicle in said electronic registry of capacity with said transport demand for a journey of at least one transport user in said electronic registry of demand; a processor in said computer network for abstracting a geographic representation of said transport demand for a journey relative to said nodes by calculating places where a predetermined journey of a transport vehicle intersects said nodes and representing said predetermined journey in the format of a set of said intersected nodes.			
2	"predetermined transport vehicle journey" / "predetermined journey of a transport vehicle" ('427 Patent claims 1, 15) <u>'427 Patent, claim 1</u>: A method of sharing transportation employing a ground transportation network comprising the steps of providing a computer network; establishing an electronic registry in said computer network of capacity containing an	No construction required, plain and ordinary meaning.	a trip along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	indication of the spare transport capacity and location of a plurality of transport vehicles; establishing a network of nodes in said computer network representing a plurality of pick-up points and a plurality of drop-off points; abstracting a geographic representation of a **predetermined transport vehicle journey** by calculating places where said **predetermined transport vehicle journey** intersects said nodes and representing said **predetermined transport vehicle journey** in the format of a set of said nodes; providing an electronic registry in said computer network of demand containing an indication of the demand for transportation needs of a plurality of transport users; effecting a match in a match engine in said computer network of said transport capacity of at least one transport vehicle in said electronic registry of capacity with said transport demand for a journey of at least one transport user in said electronic registry of demand for transport between at least two of said nodes. <u>’427 Patent claim 15</u>: A ground transportation network comprising a computer network;			

	an electronic registry of capacity in said computer network containing an indication of the spare transport capacity and location of a plurality of transport vehicles; a display system for displaying a network of nodes in said computer network representing a plurality of pick-up points and a plurality of drop-off points; an electronic registry of demand in said computer network containing an indication of the demand for transportation needs of a plurality of transport users; a matching engine in said computer network to effect a match of said transport capacity of at least one transport vehicle in said electronic registry of capacity with said transport demand for a journey of at least one transport user in said electronic registry of demand; a processor in said computer network for abstracting a geographic representation of said transport demand fora journey relative to said nodes by calculating places where a **predetermined journey of a transport vehicle** intersects said nodes and representing said predetermined journey in the format of a set of said intersected nodes.			
U.S. Patent No. 10,741,071				

3	"shared transport system" ('071 Patent claims 1, 14, and 20) <u>'071 Patent claim 1</u>: A method of exchanging messages between entities of a **shared transport system**, the method comprising: identifying, by the **share transport system**, a transport user and a transport provider based on: receiving, by the **shared transport system**, a transport request from a transport user device of a transport user, wherein the transport request includes a pick-up location; and determining, by the **shared transport system**, a transport provider device of a transport provider in proximity to the pick-up location received in the transport request; and upon identifying, by the **shared transport system**, the transport user and the transport provider, and at a time before or after transport of the transport user by the transport provider: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user and the transport provider, and the proxy messaging system is part of the **shared transport system**;	No construction required, plain and ordinary meaning.	a server system that matches transport users with transport providers traveling an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender; and transmitting, by the proxy messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the transport provider. <u>’071 Patent claim 14</u>: A system for exchanging messages between entities of **shared transport system**, the system comprising: a memory having processor-readable instructions stored therein; and a processor configured to access the memory and execute the processor-readable instructions which, when executed by the processor, configure the processor to perform a plurality of functions comprising: identifying, by the share transport system, a transport user and a transport provider based on: receiving, by the **shared transport system**, a transport request from a transport user device			

	of a transport user, wherein the transport request includes a pick-up location; and determining, by the **shared transport system**, a transport provider device of a transport provider in proximity to the pick-up location received in the transport request; and upon identifying, by the **shared transport system**, the transport user and the transport provider, and at time before or after transport of the transport user by the transport provider: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user and the transport provider, and the proxy messaging system is part of the **shared transport system**; generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender; and transmitting, by the proxy messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the transport provider. <u>’071 Patent claim 20</u>: A non-transitory computer readable medium comprising processor-readable instructions which, when executed by a processor,			

	configure the processor to perform a plurality of functions for exchanging messages between entities of a **shared transport system**, the plurality of functions comprising: identifying, by the share transport system, a transport user and a transport provider based on: receiving, by the **shared transport system**, a transport request from a transport user device of a transport user, wherein the transport request includes a pick-up location; and determining, by the **shared transport system**, a transport provider device of a transport provider in proximity to the pick-up location received in the transport request; and upon identifying, by the **shared transport system**, the transport user and the transport provider, and at a time before or after transport of the transport user by the transport provider: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user and the transport provider, and the proxy messaging system is part of the **shared transport system**; generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender;			

	and transmitting, by the proxy messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the transport provider.			
4	"pick-up location / drop-off location" (all claims) ('071 Patent claims 1, 14, and 20) <u>'071 Patent claim 1</u>: A method of exchanging messages between entities of a shared transport system, the method comprising: identifying, by the share transport system, a transport user and a transport provider based on: receiving, by the shared transport system, a transport request from a transport user device of a transport user, wherein the transport request includes a **pick-up location**; and determining, by the shared transport system, a transport provider device of a transport provider in proximity to the **pick-up location** received in the transport request; and upon identifying, by the shared transport system, the transport user and the transport	No construction required, plain and ordinary meaning.	a node along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	provider, and at a time before or after transport of the transport user by the transport provider: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user and the transport provider, and the proxy messaging system is part of the shared transport system; generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender; and transmitting, by the proxy messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the transport provider. <u>’071 Patent claim 14</u>: A system for exchanging messages between entities of shared transport system, the system comprising: a memory having processor-readable instructions stored therein; and a processor configured to access the memory and execute the processor-readable instructions which, when executed by the			

	processor, configure the processor to perform a plurality of functions comprising: identifying, by the share transport system, a transport user and a transport provider based on: receiving, by the shared transport system, a transport request from a transport user device of a transport user, wherein the transport request includes a **pick-up location**; and determining, by the shared transport system, a transport provider device of a transport provider in proximity to the **pick-up location** received in the transport request; and upon identifying, by the shared transport system, the transport user and the transport provider, and at time before or after transport of the transport user by the transport provider: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user and the transport provider, and the proxy messaging system is part of the shared transport system; generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender; and transmitting, by the proxy			

	messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the transport provider. <u>'071 Patent claim 20</u>: A non-transitory computer readable medium comprising processor-readable instructions which, when executed by a processor, configure the processor to perform a plurality of functions for exchanging messages between entities of a shared transport system, the plurality of functions comprising: identifying, by the share transport system, a transport user and a transport provider based on: receiving, by the shared transport system, a transport request from a transport user device of a transport user, wherein the transport request includes a **pick-up location**; and determining, by the shared transport system, a transport provider device of a transport provider in proximity to the **pick-up location** received in the transport request; and upon identifying, by the shared transport system, the transport user and the transport provider, and at a time before or after transport of the transport user by the transport provider: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user			

	and the transport provider, and the proxy messaging system is part of the shared transport system; generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender; and transmitting, by the proxy messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the transport provider.			
5	"transport provider" (all claims) ('071 Patent claims 1, 14, 19, and 20) <u>'071 Patent claim 1</u>: A method of exchanging messages between entities of a shared transport system, the method comprising: identifying, by the share transport system, a transport user and a **transport provider** based on: receiving, by the shared transport system, a transport request from a transport user device of a transport user, wherein the transport request includes a pick-up location;	No construction required, plain and ordinary meaning.	a driver offering transport along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	and determining, by the shared transport system, a **transport provider** device of a **transport provider** in proximity to the pick-up location received in the transport request; and upon identifying, by the shared transport system, the transport user and the **transport provider**, and at a time before or after transport of the transport user by the **transport provider**: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user and the **transport provider**, and the proxy messaging system is part of the shared transport system; generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender; and transmitting, by the proxy messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the **transport provider**. <u>'071 Patent claim 14</u>: A system for exchanging messages between entities of shared transport system, the system comprising:			

	a memory having processor-readable instructions stored therein; and a processor configured to access the memory and execute the processor-readable instructions which, when executed by the processor, configure the processor to perform a plurality of functions comprising: identifying, by the share transport system, a transport user and a **transport provider** based on: receiving, by the shared transport system, a transport request from a transport user device of a transport user, wherein the transport request includes a pick-up location; and determining, by the shared transport system, a **transport provider** device of a **transport provider** in proximity to the pick-up location received in the transport request; and upon identifying, by the shared transport system, the transport user and the **transport provider**, and at time before or after transport of the transport user by the **transport provider**: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user and the **transport provider**, and the proxy			

	messaging system is part of the shared transport system; generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender; and transmitting, by the proxy messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the **transport provider**. <u>’071 Patent claim 19</u>: The system of claim 14, wherein the sender is the **transport provider** and the recipient is the transport user. <u>’071 Patent claim 20</u>: A non-transitory computer readable medium comprising processor-readable instructions which, when executed by a processor, configure the processor to perform a plurality of functions for exchanging messages between entities of a shared transport system, the plurality of functions comprising: identifying, by the share transport system, a transport user and a **transport provider** based on: receiving, by the shared transport system, a transport request from a transport user device of a transport user, wherein the transport request includes a pick-up location;			

	and determining, by the shared transport system, a **transport provider** device of a **transport provider** in proximity to the pick-up location received in the transport request; and upon identifying, by the shared transport system, the transport user and the **transport provider**, and at a time before or after transport of the transport user by the **transport provider**: receiving, by a proxy messaging system, a first message from a sender device of a sender, wherein the sender is one of the transport user and the **transport provider**, and the proxy messaging system is part of the shared transport system; generating, by the proxy messaging system, a second message, wherein the second message comprises contents of the first message and a first unique identifier associated with the sender; and transmitting, by the proxy messaging system, the second message to a recipient device of a recipient, wherein the recipient is the other of the transport user and the **transport provider**.			
U.S. Patent No. 10,916,138				
6	"the provider characteristics including a current location or planned route and an available	**[AGREED]**	**[AGREED]**	"the provider characteristics

	space or capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider" / "the provider characteristics being received from a transport provider device of the transport provider" ('138 Patent claims 1, 10, and 18) <u>'138 Patent claim 1</u>: A method of transporting a good using a shared transport system, the method comprising: receiving, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identifying, by the shared transport system, a transport provider based on comparing provider characteristics of the transport provider with the first transport request, **the provider characteristics including a current location or planned route and an available space or capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provide**r; sending, by the shared transport system, the first transport request to the transport provider device;			including (1) a current location or planned route, and (2) an available space or capacity of the transport provider, each received from the transport provider device of the transport provider"

	sending, by the shared transport system, first transport instructions to the transport provider device upon determining that the transport provider has accepted the first transport request; determining, by the shared transport system, that the transport provider has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the transport provider device; updating, by the shared transport system, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receiving, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second drop-off location, and a second needed space or capacity for the second good; determining, by the shared transport system, that the transport provider is available for the delivery of the second good based on comparing the updated provider characteristics associated with the transport provider with the second transport request; and sending, by the shared transport system, the second transport request to the transport provider device. <u>’138 Patent claim 10</u>:			

	A computer system for transporting a good using a shared transport system, the system comprising: a memory having processor-readable instructions stored therein; and a processor configured to access the memory and execute the processor-readable instructions, which when executed by the processor configures the processor to perform a plurality of functions, including functions to: receive, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identify, by the shared transport system, a transport provider based on comparing provider characteristics of the transport provider with the first transport request, **the provider characteristics including a current location or planned route and an available space or capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider**; send, by the shared transport system, the first transport request to the transport provider device; send, by the shared transport system, first transport instructions to the transport provider			

	device upon determining that the transport provider has accepted the first transport request; determine, by the shared transport system, that the transport provider has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the transport provider device; update, by the shared transport system, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receive, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second drop-off location, and a second needed space or capacity for the second good; determine, by the shared transport system, that the transport provider is available for the delivery of the second good based on comparing the updated provider characteristics associated with the transport provider with the second transport request; and			

	send, by the shared transport system, the second transport request to the transport provider device. <u>'138 Patent claim 18:</u> A non-transitory computer readable medium comprising processor-readable instructions which, when executed by a processor, configure the processor to perform a plurality of functions for transporting a good using a shared transport system, the plurality of functions comprising: receiving, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identifying, by the shared transport system, a transport provider based on comparing provider characteristics of the transport provider with the first transport request**, the provider characteristics including a current location or planned route and an available space or capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider**; sending, by the shared transport system, the first transport request to the transport provider device;			

	sending, by the shared transport system, first transport instructions to the transport provider device upon determining that the transport provider has accepted the first transport request; determining, by the shared transport system, that the transport provider has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the transport provider device; updating, by the shared transport system, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receiving, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second drop-off location, and a second needed space or capacity for the second good; determining, by the shared transport system, that the transport provider is available for the delivery of the second good based on comparing the updated provider characteristics associated with the transport provider with the second transport			

	request; and sending, by the shared transport system, the second transport request to the transport provider device.			
7	"shared transport system" ('138 Patent claims 1, 9, 10, and 18) <u>'138 Patent claim 1</u>: A method of transporting a good using a **shared transport system**, the method comprising: receiving, by the **shared transport system**, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identifying, by the **shared transport system**, a transport provider based on comparing provider characteristics of the transport provider with the first transport request, the provider characteristics including a current location or planned route and an available space or capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider; sending, by the **shared transport system**, the first transport request to the transport provider device; sending, by the **shared transport system**, first transport instructions to the transport provider	No construction required, plain and ordinary meaning.	a server system that matches transport users with transport providers traveling an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	device upon determining that the transport provider has accepted the first transport request; determining, by the **shared transport system**, that the transport provider has picked up the first good; determining, by the **shared transport system**, progress of the delivery of the first good based on determining a location of the transport provider device; updating, by the **shared transport system**, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receiving, by the **shared transport system**, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second drop-off location, and a second needed space or capacity for the second good; determining, by the **shared transport system**, that the transport provider is available for the delivery of the second good based on comparing the updated provider characteristics associated with the transport provider with the second transport request; and sending, by the **shared transport system**, the second transport request to the transport provider device. <u>’138 Patent claim 9</u>: The method of claim 1, further comprising:			

	determining, by the **shared transport system**, that the transport provider has delivered the first good based on one of i) receiving a confirmation from the transport provider device or the transport user device and ii) determining that a coordinated proximity between the first good and the transport provider device no longer exists. <u>'138 Patent claim 10</u>: A computer system for transporting a good using a **shared transport system**, the system comprising: a memory having processor-readable instructions stored therein; and a processor configured to access the memory and execute the processor-readable instructions, which when executed by the processor configures the processor to perform a plurality of functions, including functions to: receive, by the **shared transport system**, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identify, by the **shared transport system**, a transport provider based on comparing provider characteristics of the transport provider with the first transport request, the provider characteristics including a current location or planned route and an available space or			

	capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider; send, by the **shared transport system**, the first transport request to the transport provider device; send, by the **shared transport system**, first transport instructions to the transport provider device upon determining that the transport provider has accepted the first transport request; determine, by the **shared transport system**, that the transport provider has picked up the first good; determining, by the **shared transport system**, progress of the delivery of the first good based on determining a location of the transport provider device; update, by the **shared transport system**, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receive, by the **shared transport system**, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second drop-off location, and a second needed space or capacity for the second good;			

	determine, by the **shared transport system**, that the transport provider is available for the delivery of the second good based on comparing the updated provider characteristics associated with the transport provider with the second transport request; and send, by the **shared transport system**, the second transport request to the transport provider device. <u>'138 Patent claim 18:</u> A non-transitory computer readable medium comprising processor-readable instructions which, when executed by a processor, configure the processor to perform a plurality of functions for transporting a good using a **shared transport system**, the plurality of functions comprising: receiving, by the **shared transport system**, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identifying, by the **shared transport system**, a transport provider based on comparing provider characteristics of the transport provider with the first transport request, the provider characteristics including a current location or planned route and an available space or			

	capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider; sending, by the **shared transport system**, the first transport request to the transport provider device; sending, by the **shared transport system**, first transport instructions to the transport provider device upon determining that the transport provider has accepted the first transport request; determining, by the **shared transport system**, that the transport provider has picked up the first good; determining, by the **shared transport system**, progress of the delivery of the first good based on determining a location of the transport provider device; updating, by the **shared transport system**, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receiving, by the **shared transport system**, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second			

	drop-off location, and a second needed space or capacity for the second good; determining, by the **shared transport system**, that the transport provider is available for the delivery of the second good based on comparing the updated provider characteristics associated with the transport provider with the second transport request; and sending, by the **shared transport system**, the second transport request to the transport provider device.			
8	"pick-up location / drop-off location" ('138 Patent claims 1, 10, and 18) <u>'138 Patent claim 1</u>: A method of transporting a good using a shared transport system, the method comprising: receiving, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first **pick-up location**, a first **drop-off location** and a first needed space or capacity for the first good; identifying, by the shared transport system, a transport provider based on comparing provider characteristics of the transport provider with the first transport request, the provider characteristics including a current location or planned route and an available space or capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider;	No construction required, plain and ordinary meaning.	a node along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	sending, by the shared transport system, the first transport request to the transport provider device; sending, by the shared transport system, first transport instructions to the transport provider device upon determining that the transport provider has accepted the first transport request; determining, by the shared transport system, that the transport provider has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the transport provider device; updating, by the shared transport system, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receiving, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second **pick-up location**, a second **drop-off location**, and a second needed space or capacity for the second good; determining, by the shared transport system, that the transport provider is available for the delivery of the second good based on comparing the updated provider characteristics associated with the transport provider with the second transport request; and sending, by the shared transport system, the			

	second transport request to the transport provider device. <u>'138 Patent claim 10</u>: A computer system for transporting a good using a shared transport system, the system comprising: a memory having processor-readable instructions stored therein; and a processor configured to access the memory and execute the processor-readable instructions, which when executed by the processor configures the processor to perform a plurality of functions, including functions to: receive, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first **pick-up location**, a first **drop-off location** and a first needed space or capacity for the first good; identify, by the shared transport system, a transport provider based on comparing provider characteristics of the transport provider with the first transport request, the provider characteristics including a current location or planned route and an available space or capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider;			

	send, by the shared transport system, the first transport request to the transport provider device; send, by the shared transport system, first transport instructions to the transport provider device upon determining that the transport provider has accepted the first transport request; determine, by the shared transport system, that the transport provider has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the transport provider device; update, by the shared transport system, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receive, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second **pick-up location**, a second **drop-off location**, and a second needed space or capacity for the second good; determine, by the shared transport system, that the transport provider is available for the delivery of the second good based on			

	comparing the updated provider characteristics associated with the transport provider with the second transport request; and send, by the shared transport system, the second transport request to the transport provider device. <u>'138 Patent claim 18:</u> A non-transitory computer readable medium comprising processor-readable instructions which, when executed by a processor, configure the processor to perform a plurality of functions for transporting a good using a shared transport system, the plurality of functions comprising: receiving, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first **pick-up location**, a first **drop-off location** and a first needed space or capacity for the first good; identifying, by the shared transport system, a transport provider based on comparing provider characteristics of the transport provider with the first transport request, the provider characteristics including a current location or planned route and an available space or capacity of the transport provider, the provider characteristics being received from a transport provider device of the transport provider;			

	sending, by the shared transport system, the first transport request to the transport provider device; sending, by the shared transport system, first transport instructions to the transport provider device upon determining that the transport provider has accepted the first transport request; determining, by the shared transport system, that the transport provider has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the transport provider device; updating, by the shared transport system, the provider characteristics associated with the transport provider upon determining that the transport provider has accepted the first transport request; receiving, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second **pick-up location**, a second **drop-off location**, and a second needed space or capacity for the second good; determining, by the shared transport system, that the transport provider is available for the delivery			

	of the second good based on comparing the updated provider characteristics associated with the transport provider with the second transport request; and sending, by the shared transport system, the second transport request to the transport provider device.			
9	"transport provider" ('138 Patent claims 1-4, 9-13, and 18) <u>'138 Patent claim 1</u>: A method of transporting a good using a shared transport system, the method comprising: receiving, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identifying, by the shared transport system, a **transport provider** based on comparing provider characteristics of the **transport provider** with the first transport request, the provider characteristics including a current location or planned route and an available space or capacity of the **transport provider**, the provider characteristics being received from a **transport provider** device of the **transport provider**;	No construction required, plain and ordinary meaning.	a driver offering transport along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	sending, by the shared transport system, the first transport request to the **transport provider** device; sending, by the shared transport system, first transport instructions to the **transport provider** device upon determining that the **transport provider** has accepted the first transport request; determining, by the shared transport system, that the **transport provider** has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the **transport provider** device; updating, by the shared transport system, the provider characteristics associated with the **transport provider** upon determining that the **transport provider** has accepted the first transport request; receiving, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second drop-off location, and a second needed space or capacity for the second good; determining, by the shared transport system, that the **transport provider** is available for the delivery of the second good based on comparing the updated provider characteristics associated with the **transport provider** with the second transport request; and sending, by the shared transport system, the			

	second transport request to the **transport provider** device. '138 Patent claim 2: The method of claim 1, wherein the **transport provider** device includes global positioning system (GPS) technology. '138 Patent claim 3: The method of claim 2, wherein determining the location of the **transport provider** device comprises utilizing the GPS technology. '138 Patent claim 4: The method of claim 1, wherein determining the location of the **transport provider** device comprises periodically polling location information associated with the **transport provider** device. '138 Patent claim 9: The method of claim 1, further comprising: determining, by the shared transport system, that the **transport provider** has delivered the first good based on one of i) receiving a confirmation from the **transport provider** device or the transport user device and ii) determining that a coordinated proximity between the first good and the **transport provider** device no longer exists. '138 Patent claim 10:			

	A computer system for transporting a good using a shared transport system, the system comprising: a memory having processor-readable instructions stored therein; and a processor configured to access the memory and execute the processor-readable instructions, which when executed by the processor configures the processor to perform a plurality of functions, including functions to: receive, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identify, by the shared transport system, a **transport provider** based on comparing provider characteristics of the **transport provider** with the first transport request, the provider characteristics including a current location or planned route and an available space or capacity of the **transport provider**, the provider characteristics being received from a **transport provider** device of the **transport provider**; send, by the shared transport system, the first transport request to the **transport provider** device; send, by the shared transport system, first transport instructions to the **transport**			

	provider device upon determining that the **transport provider** has accepted the first transport request; determine, by the shared transport system, that the **transport provider** has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the **transport provider** device; update, by the shared transport system, the provider characteristics associated with the **transport provider** upon determining that the **transport provider** has accepted the first transport request; receive, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second drop-off location, and a second needed space or capacity for the second good; determine, by the shared transport system, that the **transport provider** is available for the delivery of the second good based on comparing the updated provider characteristics associated with the **transport provider** with the second transport request; and			

	send, by the shared transport system, the second transport request to the **transport provider** device. '138 Patent claim 11: The computer system of claim 10, wherein the **transport provider** device includes global positioning system (GPS) technology. '138 Patent claim 12: The computer system of claim 11, wherein determining the location of the **transport provider** device comprises utilizing the GPS technology. '138 Patent claim 13: The computer system of claim 10, wherein determining the location of the **transport provider** device comprises periodically polling location information associated with the **transport provider** device. '138 Patent claim 18: A non-transitory computer readable medium comprising processor-readable instructions which, when executed by a processor, configure the processor to perform a plurality of functions for transporting a good using a shared transport system, the plurality of functions comprising: receiving, by the shared transport system, a first transport request from a first transport user device for delivery of a first good, wherein the			

	first transport request includes a first pick-up location, a first drop-off location and a first needed space or capacity for the first good; identifying, by the shared transport system, a **transport provider** based on comparing provider characteristics of the **transport provider** with the first transport request, the provider characteristics including a current location or planned route and an available space or capacity of the **transport provider**, the provider characteristics being received from a **transport provider** device of the **transport provider**; sending, by the shared transport system, the first transport request to the **transport provider** device; sending, by the shared transport system, first transport instructions to the **transport provider** device upon determining that the **transport provider** has accepted the first transport request; determining, by the shared transport system, that the **transport provider** has picked up the first good; determining, by the shared transport system, progress of the delivery of the first good based on determining a location of the **transport provider** device;			

	updating, by the shared transport system, the provider characteristics associated with the **transport provider** upon determining that the **transport provider** has accepted the first transport request; receiving, by the shared transport system, a second transport request from a second transport user device for delivery of a second good, wherein the second transport request includes a second pick-up location, a second drop-off location, and a second needed space or capacity for the second good; determining, by the shared transport system, that the **transport provider** is available for the delivery of the second good based on comparing the updated provider characteristics associated with the **transport provider** with the second transport request; and sending, by the shared transport system, the second transport request to the **transport provider** device.			
U.S. Patent No. 11,017,668				
10	"anomalous condition" ('668 Patent claims 1, 4, 5, 8, 10, 12, 15, 16, 19, and 20) <u>'668 Patent claim 1</u>: A computer-implemented method for managing **anomalous condition**s in a shared transport system, the method comprising:	**[AGREED]**	**[AGREED]**	Plain and ordinary meaning.

	receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the shared transport system, the transport request to a transport provider device of a transport provider; determining, by the shared transport system, a start of a transport using at least one of the transport provider device and the transport user device; determining, by the shared transport system, an **anomalous condition** associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the shared transport system, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined **anomalous condition**. <u>’668 Patent claim 4</u>: The computer-implemented method of claim 1, wherein determining, by the shared transport system, an **anomalous condition** associated with the transport using at least one of the transport provider device and the transport user device comprises:			

	determining the transport is off-route by comparing a location of the transport provider device with the destination or a route. <u>’668 Patent claim 5</u>: The computer-implemented method of claim 1, wherein determining, by the shared transport system, an **anomalous condition** associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport has terminated before reaching the destination. <u>’668 Patent claim 8</u>: The computer-implemented method of claim 1, wherein determining, by the shared transport system, an **anomalous condition** associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport has terminated at a location different from the destination. <u>’668 Patent claim 12</u>: A system comprising: at least one processor; and at least one storage storing instructions which, when executed by the at least one processor, cause the at least one processor to perform			

	operations for managing **anomalous conditions** in a shared transport system, the operations comprising: receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the shared transport system, the transport request to a transport provider device of a transport provider; determining, by the shared transport system, a start of a transport using at least one of the transport provider device and the transport user device; determining, by the shared transport system, an **anomalous condition** associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the shared transport system, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined **anomalous condition**. <u>'668 Patent claim 15</u>: The system of claim 12, wherein determining, by the shared transport system, an **anomalous condition** associated with the transport using at			

	least one of the transport provider device and the transport user device comprises: determining the transport is off-route by comparing a location of the transport provider device with the destination or a route. <u>'668 Patent claim 16</u>: The system of claim 12, wherein determining, by the shared transport system, an **anomalous condition** associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport has terminated before reaching the destination. <u>'668 Patent claim 19</u>: The system of claim 12, wherein determining, by the shared transport system, an **anomalous condition** associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport has terminated at a location different from the destination. <u>'668 Patent claim 20</u>: At least one non-transitory computer readable medium comprising instructions which, when executed by at least one processor, cause the at least one processor to perform operations for managing **anomalous condition**s in a shared transport system, the operations comprising:			

	receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the shared transport system, the transport request to a transport provider device of a transport provider; determining, by the shared transport system, a start of a transport using at least one of the transport provider device and the transport user device; determining, by the shared transport system, an **anomalous condition** associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the shared transport system, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined **anomalous condition**.			
11	"shared transport system" ('668 Patent claims 1, 2, 4, 5, 8, 12, 13, 15, 16, 19, and 20) <u>'668 Patent claim 1</u>:	No construction required, plain and ordinary meaning.	a server system that matches transport users with transport providers traveling an existing route defined before demand for transport and	

	A computer-implemented method for managing anomalous conditions in a **shared transport system**, the method comprising: receiving, by the **shared transport system**, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the **shared transport system**, the transport request to a transport provider device of a transport provider; determining, by the **shared transport system**, a start of a transport using at least one of the transport provider device and the transport user device; determining, by the **shared transport system**, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the **shared transport system**, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined anomalous condition. <u>’668 Patent claim 2</u>: The computer-implemented method of claim 1, wherein determining, by a **shared transport**		independently of a transport user’s door-to-door trip	

	system, a start of a transport using at least one of the transport provider device and the transport user device comprises: determining that the transport provider device and the transport user device are within a predetermined proximity using Global Positioning System (GPS) technology enabled at the transport provider device and the transport user device. <u>'668 Patent claim 4</u>: The computer-implemented method of claim 1, wherein determining, by the **shared transport system**, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport is off-route by comparing a location of the transport provider device with the destination or a route. <u>'668 Patent claim 5</u>: The computer-implemented method of claim 1, wherein determining, by the **shared transport system**, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport has terminated before reaching the destination.			

	’668 Patent claim 8: The computer-implemented method of claim 1, wherein determining, by the **shared transport system**, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport has terminated at a location different from the destination. ’668 Patent claim 12: A system comprising: at least one processor; and at least one storage storing instructions which, when executed by the at least one processor, cause the at least one processor to perform operations for managing anomalous conditions in a **shared transport system**, the operations comprising: receiving, by the **shared transport system**, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the **shared transport system**, the transport request to a transport provider device of a transport provider; determining, by the **shared transport system**, a start of a transport using at least one of the			

	transport provider device and the transport user device; determining, by the **shared transport system**, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the **shared transport system**, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined anomalous condition. <u>'668 Patent claim 13</u>: The system of claim 12, wherein determining, by a **shared transport system**, a start of a transport using at least one of the transport provider device and the transport user device comprises: determining that the transport provider device and the transport user device are within a predetermined proximity using Global Positioning System (GPS) technology enabled at the transport provider device and the transport user device. <u>'668 Patent claim 15</u>: The system of claim 12, wherein determining, by the **shared transport system**, an anomalous condition associated with the transport using at			

	least one of the transport provider device and the transport user device comprises: determining the transport is off-route by comparing a location of the transport provider device with the destination or a route. <u>'668 Patent claim 16</u>: The system of claim 12, wherein determining, by the **shared transport system**, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport has terminated before reaching the destination. <u>'668 Patent claim 19</u>: The system of claim 12, wherein determining, by the **shared transport system**, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device comprises: determining the transport has terminated at a location different from the destination. <u>'668 Patent claim 20</u>: At least one non-transitory computer readable medium comprising instructions which, when executed by at least one processor, cause the at least one processor to perform operations for managing anomalous conditions in a **shared transport system**, the operations comprising:			

	receiving, by the **shared transport system**, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the **shared transport system**, the transport request to a transport provider device of a transport provider; determining, by the **shared transport system**, a start of a transport using at least one of the transport provider device and the transport user device; determining, by the **shared transport system**, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the **shared transport system**, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined anomalous condition.			
12	"pick-up location / drop-off location" ('668 Patent claims 1, 12, and 20) <u>'668 Patent claim 1</u>:	No construction required, plain and ordinary meaning.	a node along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	A computer-implemented method for managing anomalous conditions in a shared transport system, the method comprising: receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a **pick-up location** and a destination; transmitting, by the shared transport system, the transport request to a transport provider device of a transport provider; determining, by the shared transport system, a start of a transport using at least one of the transport provider device and the transport user device; determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the shared transport system, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined anomalous condition. <u>’668 Patent claim 12</u>: A system comprising: at least one processor; and			

	at least one storage storing instructions which, when executed by the at least one processor, cause the at least one processor to perform operations for managing anomalous conditions in a shared transport system, the operations comprising: receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a **pick-up location** and a destination; transmitting, by the shared transport system, the transport request to a transport provider device of a transport provider; determining, by the shared transport system, a start of a transport using at least one of the transport provider device and the transport user device; determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the shared transport system, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined anomalous condition.			

	’668 Patent claim 20: At least one non-transitory computer readable medium comprising instructions which, when executed by at least one processor, cause the at least one processor to perform operations for managing anomalous conditions in a shared transport system, the operations comprising: receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a **pick-up location** and a destination; transmitting, by the shared transport system, the transport request to a transport provider device of a transport provider; determining, by the shared transport system, a start of a transport using at least one of the transport provider device and the transport user device; determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the transport provider device and the transport user device; and transmitting, by the shared transport system, a notification to one or more of the transport user device, the transport provider device, and security personnel based on the determined anomalous condition.			

13	"transport provider" ('668 Patent claims 1, 2, 4, 5, 8, 10, 12, 13, 15, 16, 19, and 20) <u>'668 Patent claim 1</u>: A computer-implemented method for managing anomalous conditions in a shared transport system, the method comprising: receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the shared transport system, the transport request to a **transport provider** device of a **transport provider**; determining, by the shared transport system, a start of a transport using at least one of the **transport provider** device and the transport user device; determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the **transport provider** device and the transport user device; and transmitting, by the shared transport system, a notification to one or more of the transport user device, the **transport provider** device, and	No construction required, plain and ordinary meaning.	a driver offering transport along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	security personnel based on the determined anomalous condition. '668 Patent claim 2: The computer-implemented method of claim 1, wherein determining, by a shared transport system, a start of a transport using at least one of the **transport provider** device and the transport user device comprises: determining that the **transport provider** device and the transport user device are within a predetermined proximity using Global Positioning System (GPS) technology enabled at the **transport provider** device and the transport user device. '668 Patent claim 4: The computer-implemented method of claim 1, wherein determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the **transport provider** device and the transport user device comprises: determining the transport is off-route by comparing a location of the **transport provider** device with the destination or a route. '668 Patent claim 5: The computer-implemented method of claim 1, wherein determining, by the shared transport system, an anomalous condition associated			

	with the transport using at least one of the **transport provider** device and the transport user device comprises: determining the transport has terminated before reaching the destination. <u>'668 Patent claim 8</u>: The computer-implemented method of claim 1, wherein determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the **transport provider** device and the transport user device comprises: determining the transport has terminated at a location different from the destination. <u>'668 Patent claim 10</u>: The computer-implemented method of claim 1, wherein the notification to the **transport provider** device or the transport user device comprises a request for transport status. <u>'668 Patent claim 12</u>: A system comprising: at least one processor; and at least one storage storing instructions which, when executed by the at least one processor, cause the at least one processor to perform operations for managing anomalous conditions			

	in a shared transport system, the operations comprising: receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the shared transport system, the transport request to a **transport provider** device of a **transport provider**; determining, by the shared transport system, a start of a transport using at least one of the **transport provider** device and the transport user device; determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the **transport provider** device and the transport user device; and transmitting, by the shared transport system, a notification to one or more of the transport user device, the **transport provider** device, and security personnel based on the determined anomalous condition. <u>’668 Patent claim 13</u>: The system of claim 12, wherein determining, by a shared transport system, a start of a transport using at least one of the **transport**			

	provider device and the transport user device comprises: determining that the **transport provider** device and the transport user device are within a predetermined proximity using Global Positioning System (GPS) technology enabled at the **transport provider** device and the transport user device. <u>'668 Patent claim 15</u>: The system of claim 12, wherein determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the **transport provider** device and the transport user device comprises: determining the transport is off-route by comparing a location of the **transport provider** device with the destination or a route. <u>'668 Patent claim 16</u>: The system of claim 12, wherein determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the **transport provider** device and the transport user device comprises: determining the transport has terminated before reaching the destination. <u>'668 Patent claim 19</u>: The system of claim 12, wherein determining, by the shared transport system, an anomalous			

	condition associated with the transport using at least one of the **transport provider** device and the transport user device comprises: determining the transport has terminated at a location different from the destination. <u>’668 Patent claim 20</u>: At least one non-transitory computer readable medium comprising instructions which, when executed by at least one processor, cause the at least one processor to perform operations for managing anomalous conditions in a shared transport system, the operations comprising: receiving, by the shared transport system, a transport request from a transport user device of a transport user, the transport request including a pick-up location and a destination; transmitting, by the shared transport system, the transport request to a **transport provider** device of a **transport provider**; determining, by the shared transport system, a start of a transport using at least one of the **transport provider** device and the transport user device; determining, by the shared transport system, an anomalous condition associated with the transport using at least one of the **transport provider** device and the transport user device; and			

	transmitting, by the shared transport system, a notification to one or more of the transport user device, the **transport provider** device, and security personnel based on the determined anomalous condition.			
U.S. Patent No. 11,164,456				
14	"shared transport system" ('456 Patent claims 1, 7, and 11) <u>'456 Patent claim 1</u>: A method implemented by at least one processor of a **shared transport system**, the method comprising: receiving, from a transport user application operating on a transport user device corresponding to a transport user, a pick-up request for at least one person or item, the pick-up request identifying a pick-up location and a drop-off location for the at least one person or item; identifying one or more transport providers available to service the pick-up request, based on information from a transport provider application operating on one or more transport provider devices corresponding to the identified one or more transport providers;	No construction required, plain and ordinary meaning.	a server system that matches transport users with transport providers traveling an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	transmitting the pick-up request to a transport provider device corresponding to a transport provider, the transport provider being one of the identified one or more transport providers; causing the transport provider device to display, via the transport provider application, one or more of the pick-up location or a transport user rating score associated with the transport user; receiving an indication of an acceptance of the pick-up request; causing the transport provider device to display, via the transport provider application, at least: (1) navigation instructions from a location of the transport provider to the pick-up location, the location determined based on GPS position data of the transport provider device; and (2) information descriptive of the at least one person or item; causing the transport user device to display, via the transport user application: information descriptive of one or more of the transport provider, a transport provider vehicle associated with the transport provider, or a transport provider rating score associated with the transport provider;			

	an estimated cost associated with servicing the pick-up request; an estimated time associated with arrival of the at least one person or item at the drop-off location; and location information of the transport provider based on the GPS position data of the transport provider device; receiving an indication, based on the GPS position data of the transport provider device, that the transport provider is approaching the pick-up location; in response to receiving the indication that the transport provider is approaching the pick-up location, causing the transport user device, via the transport user application, to display a notification indicative of the approaching transport provider; receiving, from the transport provider device, an indication that the at least one person or item has been picked up; causing the transport provider device, via the transport provider application, to display navigation directions to the drop-off location based on the GPS position data of the transport provider device;			

	causing the transport user device, via the transport user application, to display one or more of an estimated time associated with arrival of the at least one person or item at the drop-off location or the location information of the transport provider based on the GPS position data of the transport provider device; tracking progress of travel of the transport provider along a route from the pick-up location to the drop-off location based on one or more of the GPS position data of the transport provider device or GPS position data of the transport user device; receiving an indication that the transport provider has delivered the at least one person or item to the drop-off location from at least one of the transport provider device or the transport user device; transmitting trip summary data associated with the pick-up request to the transport user device, the trip summary data displayable via the transport user application and including a cost for servicing the pick-up request and a transport provider rating prompt soliciting the transport user to provide a rating value for the transport provider; receiving the rating value for the transport provider from the transport user device via the transport user application;			

	updating the transport provider rating score of the transport provider based on the received rating value for the transport provider; and causing the cost for servicing the pick-up request to be charged to a payment method associated with the transport user. <u>’456 Patent claim 7</u>: The method of claim 1, further comprising: monitoring the progress of travel of the transport provider along the route from the pick-up location to the drop-off location for anomalies, wherein the **shared transport system** is configured to transmit an anomaly notification to one or more of the transport user device, the transport provider device, or one or more devices associated with safety personnel in response to detection of an anomaly in the progress of the travel of the transport provider. <u>’456 Patent claim 11</u>: A **shared transport system**, comprising: a memory storing instructions; and a processor operatively connected to the memory, and configured to execute the instructions to perform operations including:			

	receiving, from a transport user application operating on a transport user device corresponding to a transport user, a pick-up request for at least one person or item, the pick-up request identifying a pick-up location and a drop-off location for the at least one person or item; identifying one or more transport providers available to service the pick-up request, based on information from a transport provider application operating on one or more transport provider devices corresponding to the identified one or more transport providers; transmitting the pick-up request to a transport provider device corresponding to a transport provider, the transport provider being one of the identified one or more transport providers; causing the transport provider device to display, via the transport provider application, one or more of the pick-up location or a transport user rating score associated with the transport user; receiving an indication of an acceptance of the pick-up request; causing the transport provider device to display, via the transport provider application, at least: (1) navigation instructions from a location of the transport provider to the pick-up location,			

	the location determined based on GPS position data of the transport provider device; and (2) information descriptive of the at least one person or item; causing the transport user device to display, via the transport user application: information descriptive of one or more of the transport provider, a transport provider vehicle associated with the transport provider, or a transport provider rating score associated with the transport provider; an estimated cost associated with servicing the pick-up request; an estimated time associated with arrival of the at least one person or item at the drop-off location; and location information of the transport provider based on the GPS position data of the transport provider device; receiving an indication, based on the GPS position data of the transport provider device, that the transport provider is approaching the pick-up location; in response to receiving the indication that the transport provider is approaching the pick-up location, causing the transport user device, via the transport user application, to display a			

	notification indicative of the approaching transport provider; receiving, from the transport provider device, an indication that the at least one person or item has been picked up; causing the transport provider device, via the transport provider application, to display navigation directions to the drop-off location based on the GPS position data of the transport provider device; causing the transport user device, via the transport user application, to display one or more of an estimated time associated with arrival of the at least one person or item at the drop-off location or the location information of the transport provider based on the GPS position data of the transport provider device; tracking progress of travel of the transport provider along a route from the pick-up location to the drop-off location based on one or more of the GPS position data of the transport provider device or GPS position data of the transport user device; receiving an indication that the transport provider has delivered the at least one person or item to the drop-off location from at least one of the transport provider device or the transport user device;			

	transmitting trip summary data associated with the pick-up request to the transport user device, the trip summary data displayable via the transport user application and including a cost for servicing the pick-up request and a transport provider rating prompt soliciting the transport user to provide a rating value for the transport provider; receiving the rating value for the transport provider from the transport user device via the transport user application; updating the transport provider rating score of the transport provider based on the received rating value for the transport provider; and causing the cost for servicing the pick-up request to be charged to a payment method associated with the transport user.			
15	"pick-up location / drop-off location" ('456 Patent claims 1-4, 7, 11-13, and 19) <u>'456 Patent claim 1</u>: A method implemented by at least one processor of a shared transport system, the method comprising: receiving, from a transport user application operating on a transport user device corresponding to a transport user, a pick-up	No construction required, plain and ordinary meaning.	a node along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	request for at least one person or item, the pick-up request identifying a **pick-up location** and a **drop-off location** for the at least one person or item; identifying one or more transport providers available to service the pick-up request, based on information from a transport provider application operating on one or more transport provider devices corresponding to the identified one or more transport providers; transmitting the pick-up request to a transport provider device corresponding to a transport provider, the transport provider being one of the identified one or more transport providers; causing the transport provider device to display, via the transport provider application, one or more of the **pick-up location** or a transport user rating score associated with the transport user; receiving an indication of an acceptance of the pick-up request; causing the transport provider device to display, via the transport provider application, at least: (1) navigation instructions from a location of the transport provider to the **pick-up location**, the location determined based on GPS position data of the transport provider device; and (2) information descriptive of the at least			

	one person or item; causing the transport user device to display, via the transport user application: information descriptive of one or more of the transport provider, a transport provider vehicle associated with the transport provider, or a transport provider rating score associated with the transport provider; an estimated cost associated with servicing the pick-up request; an estimated time associated with arrival of the at least one person or item at the **drop-off location**; and location information of the transport provider based on the GPS position data of the transport provider device; receiving an indication, based on the GPS position data of the transport provider device, that the transport provider is approaching the **pick-up location**; in response to receiving the indication that the transport provider is approaching the **pick-up location**, causing the transport user device, via the transport user application, to display a notification indicative of the approaching transport provider;			

	receiving, from the transport provider device, an indication that the at least one person or item has been picked up; causing the transport provider device, via the transport provider application, to display navigation directions to the **drop-off location** based on the GPS position data of the transport provider device; causing the transport user device, via the transport user application, to display one or more of an estimated time associated with arrival of the at least one person or item at the **drop-off location** or the location information of the transport provider based on the GPS position data of the transport provider device; tracking progress of travel of the transport provider along a route from the **pick-up location** to the **drop-off location** based on one or more of the GPS position data of the transport provider device or GPS position data of the transport user device; receiving an indication that the transport provider has delivered the at least one person or item to the **drop-off location** from at least one of the transport provider device or the transport user device; transmitting trip summary data associated with the pick-up request to the transport user device, the trip summary data displayable via the			

	transport user application and including a cost for servicing the pick-up request and a transport provider rating prompt soliciting the transport user to provide a rating value for the transport provider; receiving the rating value for the transport provider from the transport user device via the transport user application; updating the transport provider rating score of the transport provider based on the received rating value for the transport provider; and causing the cost for servicing the pick-up request to be charged to a payment method associated with the transport user. <u>'456 Patent claim 2</u>: The method of claim 1, wherein: the pick-up request is for at least one person; and the method further comprises: determining one or more of (i) whether the at least one person is remote from the **pick-up location** or (ii) whether an alternative **pick-up location** is located near the **pick-up location**; and in response to determining one or more of that the at least one person is remote from the **pick-**			

	up location or that an alternative **pick-up location** is located near the **pick-up location**, one or more of (i) modifying the **pick-up location** to be the alternative **pick-up location**, or (ii) causing the transport user device to display, via the transport user application, navigation directions to the **pick-up location** based on GPS position data of the transport user device. <u>’456 Patent claim 3</u>: The method of claim 1, further comprising: causing the transport provider device to display, via the transport provider application, an estimated time associated with arrival of the transport provider at the **pick-up location**. <u>’456 Patent claim 4</u>: The method of claim 3, wherein the estimated time associated with arrival of the transport provider at the **pick-up location** includes one or more of an estimated time of arrival of the transport provider at the **pick-up location** or an estimated time remaining until arrival of the transport provider at the **pick-up location**. <u>’456 Patent claim 7</u>: The method of claim 1, further comprising:			

	monitoring the progress of travel of the transport provider along the route from the **pick-up location** to the **drop-off location** for anomalies, wherein the shared transport system is configured to transmit an anomaly notification to one or more of the transport user device, the transport provider device, or one or more devices associated with safety personnel in response to detection of an anomaly in the progress of the travel of the transport provider. <u>'456 Patent claim 11</u>: A shared transport system, comprising: a memory storing instructions; and a processor operatively connected to the memory, and configured to execute the instructions to perform operations including: receiving, from a transport user application operating on a transport user device corresponding to a transport user, a pick-up request for at least one person or item, the pick-up request identifying a **pick-up location** and a **drop-off location** for the at least one person or item; identifying one or more transport providers available to service the pick-up request, based on information from a transport provider application operating on one or more transport provider devices corresponding to the			

	identified one or more transport providers; transmitting the pick-up request to a transport provider device corresponding to a transport provider, the transport provider being one of the identified one or more transport providers; causing the transport provider device to display, via the transport provider application, one or more of the **pick-up location** or a transport user rating score associated with the transport user; receiving an indication of an acceptance of the pick-up request; causing the transport provider device to display, via the transport provider application, at least: (1) navigation instructions from a location of the transport provider to the **pick-up location**, the location determined based on GPS position data of the transport provider device; and (2) information descriptive of the at least one person or item; causing the transport user device to display, via the transport user application: information descriptive of one or more of the transport provider, a transport provider vehicle associated with the transport provider, or a transport provider rating score associated with			

	the transport provider; an estimated cost associated with servicing the pick-up request; an estimated time associated with arrival of the at least one person or item at the **drop-off location**; and location information of the transport provider based on the GPS position data of the transport provider device; receiving an indication, based on the GPS position data of the transport provider device, that the transport provider is approaching the **pick-up location**; in response to receiving the indication that the transport provider is approaching the **pick-up location**, causing the transport user device, via the transport user application, to display a notification indicative of the approaching transport provider; receiving, from the transport provider device, an indication that the at least one person or item has been picked up; causing the transport provider device, via the transport provider application, to display navigation directions to the **drop-off location** based on the GPS position data of the transport			

	provider device; causing the transport user device, via the transport user application, to display one or more of an estimated time associated with arrival of the at least one person or item at the **drop-off location** or the location information of the transport provider based on the GPS position data of the transport provider device; tracking progress of travel of the transport provider along a route from the **pick-up location** to the **drop-off location** based on one or more of the GPS position data of the transport provider device or GPS position data of the transport user device; receiving an indication that the transport provider has delivered the at least one person or item to the **drop-off location** from at least one of the transport provider device or the transport user device; transmitting trip summary data associated with the pick-up request to the transport user device, the trip summary data displayable via the transport user application and including a cost for servicing the pick-up request and a transport provider rating prompt soliciting the transport user to provide a rating value for the transport provider; receiving the rating value for the transport provider from the transport user device via the			

	transport user application; updating the transport provider rating score of the transport provider based on the received rating value for the transport provider; and causing the cost for servicing the pick-up request to be charged to a payment method associated with the transport user. <u>’456 Patent claim 12</u>: The system of claim 11, wherein: the pick-up request is for at least one person; and the operations further include: determining one or more of (i) whether the at least one person is remote from the **pick-up location** or (ii) whether an alternative **pick-up location** is located near the **pick-up location**; and in response to determining one or more of that the at least one person is remote from the **pick-up location** or that an alternative **pick-up location** is located near the **pick-up location**, one or more of (i) modifying the **pick-up location** to be the alternative **pick-up location**, or (ii) causing the transport user device to display, via the transport user application, navigation directions to the **pick-up location**			

	based on GPS position data of the transport user device. '456 Patent claim 13: The system of claim 11, wherein: the operations further include causing the transport provider device to display, via the transport provider application, an estimated time associated with arrival of the transport provider at the **pick-up location**; and the estimated time associated with arrival of the transport provider at the **pick-up location** includes one or more of an estimated time of arrival of the transport provider at the **pick-up location** or an estimated time remaining until arrival of the transport provider at the **pick-up location**. '456 Patent claim 19: A non-transitory computer readable medium comprising instructions that are executable by a processor to perform operations including: receiving, from a transport user application operating on a transport user device corresponding to a transport user, a pick-up request for at least one person or item, the pick-up request identifying a **pick-up location** and a **drop-off location** for the at least one person or			

	item; identifying one or more transport providers available to service the pick-up request, based on information from a transport provider application operating on one or more transport provider devices corresponding to the identified one or more transport providers; transmitting the pick-up request to a transport provider device corresponding to a transport provider, the transport provider being one of the identified one or more transport providers; causing the transport provider device to display, via the transport provider application, one or more of the **pick-up location** or a transport user rating score associated with the transport user; receiving an indication of an acceptance of the pick-up request; causing the transport provider device to display, via the transport provider application, at least: (1) navigation instructions from a location of the transport provider to the **pick-up location**, the location determined based on GPS position data of the transport provider device; and (2) information descriptive of the at least one person or item;			

	causing the transport user device to display, via the transport user application: information descriptive of one or more of the transport provider, a transport provider vehicle associated with the transport provider, or a transport provider rating score associated with the transport provider; an estimated cost associated with servicing the pick-up request; an estimated time associated with arrival of the at least one person or item at the **drop-off location**; and location information of the transport provider based on the GPS position data of the transport provider device; receiving an indication, based on the GPS position data of the transport provider device, that the transport provider is approaching the **pick-up location**; in response to receiving the indication that the transport provider is approaching the **pick-up location**, causing the transport user device, via the transport user application, to display a notification indicative of the approaching transport provider; receiving, from the transport provider device, an indication that the at least one person or			

	item has been picked up; causing the transport provider device, via the transport provider application, to display navigation directions to the **drop-off location** based on the GPS position data of the transport provider device; causing the transport user device, via the transport user application, to display one or more of an estimated time associated with arrival of the at least one person or item at the **drop-off location** or the location information of the transport provider based on the GPS position data of the transport provider device; tracking progress of travel of the transport provider along a route from the **pick-up location** to the **drop-off location** based on one or more of the GPS position data of the transport provider device or GPS position data of the transport user device; receiving an indication that the transport provider has delivered the at least one person or item to the **drop-off location** from at least one of the transport provider device or the transport user device; transmitting trip summary data associated with the pick-up request to the transport user device, the trip summary data displayable via the transport user application and including a cost for servicing the pick-up request and a			

	transport provider rating prompt soliciting the transport user to provide a rating value for the transport provider; receiving the rating value for the transport provider from the transport user device via the transport user application; updating the transport provider rating score of the transport provider based on the received rating value for the transport provider; and causing the cost for servicing the pick-up request to be charged to a payment method associated with the transport user.			
16	"transport provider" ('456 Patent claims 1, 3-5, 7, 10, 11, 13-15, 19 and 20) <u>'456 Patent claim 1</u>: A method implemented by at least one processor of a shared transport system, the method comprising: receiving, from a transport user application operating on a transport user device corresponding to a transport user, a pick-up request for at least one person or item, the pick-up request identifying a pick-up location and a drop-off location for the at least one person or	No construction required, plain and ordinary meaning.	a driver offering transport along an existing route defined before demand for transport and independently of a transport user's door-to-door trip	

	item; identifying one or more **transport provider**s available to service the pick-up request, based on information from a **transport provider** application operating on one or more **transport provider** devices corresponding to the identified one or more **transport provider**s; transmitting the pick-up request to a **transport provider** device corresponding to a **transport provider**, the **transport provider** being one of the identified one or more **transport provider**s; causing the **transport provider** device to display, via the **transport provider** application, one or more of the pick-up location or a transport user rating score associated with the transport user; receiving an indication of an acceptance of the pick-up request; causing the **transport provider** device to display, via the **transport provider** application, at least: (1) navigation instructions from a location of the **transport provider** to the pick-up location, the location determined based on GPS position data of the **transport provider** device; and (2) information descriptive of the at least one person or item;			

	causing the transport user device to display, via the transport user application: information descriptive of one or more of the **transport provider**, a **transport provider** vehicle associated with the **transport provider**, or a **transport provider** rating score associated with the **transport provider**; an estimated cost associated with servicing the pick-up request; an estimated time associated with arrival of the at least one person or item at the drop-off location; and location information of the **transport provider** based on the GPS position data of the **transport provider** device; receiving an indication, based on the GPS position data of the **transport provider** device, that the **transport provider** is approaching the pick-up location; in response to receiving the indication that the **transport provider** is approaching the pick-up location, causing the transport user device, via the transport user application, to display a notification indicative of the approaching **transport provider**; receiving, from the **transport provider** device, an indication that the at least one person or			

	item has been picked up; causing the **transport provider** device, via the **transport provider** application, to display navigation directions to the drop-off location based on the GPS position data of the **transport provider** device; causing the transport user device, via the transport user application, to display one or more of an estimated time associated with arrival of the at least one person or item at the drop-off location or the location information of the **transport provider** based on the GPS position data of the **transport provider** device; tracking progress of travel of the **transport provider** along a route from the pick-up location to the drop-off location based on one or more of the GPS position data of the **transport provider** device or GPS position data of the transport user device; receiving an indication that the **transport provider** has delivered the at least one person or item to the drop-off location from at least one of the **transport provider** device or the transport user device; transmitting trip summary data associated with the pick-up request to the transport user device, the trip summary data displayable via the transport user application and including a cost for servicing the pick-up request and a			

	transport provider rating prompt soliciting the transport user to provide a rating value for the **transport provider**; receiving the rating value for the **transport provider** from the transport user device via the transport user application; updating the **transport provider** rating score of the **transport provider** based on the received rating value for the **transport provider**; and causing the cost for servicing the pick-up request to be charged to a payment method associated with the transport user. <u>'456 Patent claim 3</u>: The method of claim 1, further comprising: causing the **transport provider** device to display, via the **transport provider** application, an estimated time associated with arrival of the **transport provider** at the pick-up location. <u>'456 Patent claim 4</u>: The method of claim 3, wherein the estimated time associated with arrival of the **transport provider** at the pick-up location includes one or more of an estimated time of arrival of the **transport provider** at the pick-up location or			

	an estimated time remaining until arrival of the **transport provider** at the pick-up location. '456 Patent claim 5: The method of claim 1, further comprising: causing at least one of the transport user device or the **transport provider** device to display, via the transport user application or the **transport provider** application, respectively, an interface configured to generate, transmit, and receive messages to and from an other of the at least one of the transport user device or the **transport provider** device, wherein contact information of the transport user and of the **transport provider** are anonymized. '456 Patent claim 7: The method of claim 1, further comprising: monitoring the progress of travel of the **transport provider** along the route from the pick-up location to the drop-off location for anomalies, wherein the shared transport system is configured to transmit an anomaly notification to one or more of the transport user device, the **transport provider** device, or one or more devices associated with safety personnel in response to detection of an anomaly in the progress of the travel of the **transport provider**.			

	’456 Patent claim 10: The method of claim 1, further comprising: transmitting a transport user rating prompt to the **transport provider** device, the transport user rating prompt soliciting the **transport provider** to provide a rating value for the transport user via the **transport provider** application; receiving the rating value for the transport user from the **transport provider** device via the **transport provider** application; and updating the transport user rating score of the transport user based on the received rating value for the transport user. ’456 Patent claim 11: A shared transport system, comprising: a memory storing instructions; and a processor operatively connected to the memory, and configured to execute the instructions to perform operations including: receiving, from a transport user application operating on a transport user device corresponding to a transport user, a pick-up request for at least one person or item, the pick-up request identifying a pick-up location and a			

	drop-off location for the at least one person or item; identifying one or more **transport provider**s available to service the pick-up request, based on information from a **transport provider** application operating on one or more **transport provider** devices corresponding to the identified one or more **transport provider**s; transmitting the pick-up request to a **transport provider** device corresponding to a **transport provider**, the **transport provider** being one of the identified one or more **transport provider**s; causing the **transport provider** device to display, via the **transport provider** application, one or more of the pick-up location or a transport user rating score associated with the transport user; receiving an indication of an acceptance of the pick-up request; causing the **transport provider** device to display, via the **transport provider** application, at least: (1) navigation instructions from a location of the **transport provider** to the pick-up location, the location determined based on GPS position data of the **transport provider** device; and (2) information descriptive of the at least			

	one person or item; causing the transport user device to display, via the transport user application: information descriptive of one or more of the **transport provider**, a **transport provider** vehicle associated with the **transport provider**, or a **transport provider** rating score associated with the **transport provider**; an estimated cost associated with servicing the pick-up request; an estimated time associated with arrival of the at least one person or item at the drop-off location; and location information of the **transport provider** based on the GPS position data of the **transport provider** device; receiving an indication, based on the GPS position data of the **transport provider** device, that the **transport provider** is approaching the pick-up location; in response to receiving the indication that the **transport provider** is approaching the pick-up location, causing the transport user device, via the transport user application, to display a notification indicative of the approaching **transport provider**;			

	receiving, from the **transport provider** device, an indication that the at least one person or item has been picked up; causing the **transport provider** device, via the **transport provider** application, to display navigation directions to the drop-off location based on the GPS position data of the **transport provider** device; causing the transport user device, via the transport user application, to display one or more of an estimated time associated with arrival of the at least one person or item at the drop-off location or the location information of the **transport provider** based on the GPS position data of the **transport provider** device; tracking progress of travel of the **transport provider** along a route from the pick-up location to the drop-off location based on one or more of the GPS position data of the **transport provider** device or GPS position data of the transport user device; receiving an indication that the **transport provider** has delivered the at least one person or item to the drop-off location from at least one of the **transport provider** device or the transport user device; transmitting trip summary data associated with the pick-up request to the transport user device, the trip summary data displayable via the			

	transport user application and including a cost for servicing the pick-up request and a **transport provider** rating prompt soliciting the transport user to provide a rating value for the **transport provider**; receiving the rating value for the **transport provider** from the transport user device via the transport user application; updating the **transport provider** rating score of the **transport provider** based on the received rating value for the **transport provider**; and causing the cost for servicing the pick-up request to be charged to a payment method associated with the transport user. <u>’456 Patent claim 13</u>: The system of claim 11, wherein: the operations further include causing the **transport provider** device to display, via the **transport provider** application, an estimated time associated with arrival of the **transport provider** at the pick-up location; and the estimated time associated with arrival of the **transport provider** at the pick-up location includes one or more of an estimated time of arrival of the **transport provider** at the pick-up location or an estimated time remaining			

	until arrival of the **transport provider** at the pick-up location. '456 Patent claim 14: The system of claim 11, wherein the operations further include: causing at least one of the transport user device or the **transport provider** device to display, via the transport user application or the **transport provider** application, respectively, an interface configured to generate, transmit, and receive messages to and from an other of the at least one of the transport user device or the **transport provider** device, wherein contact information of the transport user and of the **transport provider** are anonymized. '456 Patent claim 15: The system of claim 11, wherein the operations further include: determining that the **transport provider** has failed to pick up the at least one person or item; and in response to determining that the **transport provider** has failed to pick up the at least one person or item, re-allocating the pick-up request to a different **transport provider** so as to replace the **transport provider** with the different **transport provider**.			

	<u>’456 Patent claim 19</u>: A non-transitory computer readable medium comprising instructions that are executable by a processor to perform operations including: receiving, from a transport user application operating on a transport user device corresponding to a transport user, a pick-up request for at least one person or item, the pick-up request identifying a pick-up location and a drop-off location for the at least one person or item; identifying one or more **transport provider**s available to service the pick-up request, based on information from a **transport provider** application operating on one or more **transport provider** devices corresponding to the identified one or more **transport provider**s; transmitting the pick-up request to a **transport provider** device corresponding to a **transport provider**, the **transport provider** being one of the identified one or more **transport provider**s; causing the **transport provider** device to display, via the **transport provider** application, one or more of the pick-up location or a transport user rating score associated with the transport user;			

	receiving an indication of an acceptance of the pick-up request; causing the **transport provider** device to display, via the **transport provider** application, at least: (1) navigation instructions from a location of the **transport provider** to the pick-up location, the location determined based on GPS position data of the **transport provider** device; and (2) information descriptive of the at least one person or item; causing the transport user device to display, via the transport user application: information descriptive of one or more of the **transport provider**, a **transport provider** vehicle associated with the **transport provider**, or a **transport provider** rating score associated with the **transport provider**; an estimated cost associated with servicing the pick-up request; an estimated time associated with arrival of the at least one person or item at the drop-off location; and location information of the **transport provider** based on the GPS position data of the **transport provider** device;			

	receiving an indication, based on the GPS position data of the **transport provider** device, that the **transport provider** is approaching the pick-up location; in response to receiving the indication that the **transport provider** is approaching the pick-up location, causing the transport user device, via the transport user application, to display a notification indicative of the approaching **transport provider**; receiving, from the **transport provider** device, an indication that the at least one person or item has been picked up; causing the **transport provider** device, via the **transport provider** application, to display navigation directions to the drop-off location based on the GPS position data of the **transport provider** device; causing the transport user device, via the transport user application, to display one or more of an estimated time associated with arrival of the at least one person or item at the drop-off location or the location information of the **transport provider** based on the GPS position data of the **transport provider** device; tracking progress of travel of the **transport provider** along a route from the pick-up location to the drop-off location based on one or more of the GPS position data of the			

	transport provider device or GPS position data of the transport user device; receiving an indication that the **transport provider** has delivered the at least one person or item to the drop-off location from at least one of the **transport provider** device or the transport user device; transmitting trip summary data associated with the pick-up request to the transport user device, the trip summary data displayable via the transport user application and including a cost for servicing the pick-up request and a **transport provider** rating prompt soliciting the transport user to provide a rating value for the **transport provider**; receiving the rating value for the **transport provider** from the transport user device via the transport user application; updating the **transport provider** rating score of the **transport provider** based on the received rating value for the **transport provider**; and causing the cost for servicing the pick-up request to be charged to a payment method associated with the transport user. <u>’456 Patent claim 20</u>:			

	The non-transitory computer readable medium of claim 19, wherein the operations further include: transmitting a transport user rating prompt to the **transport provider** device, the transport user rating prompt soliciting the **transport provider** to provide a rating value for the transport user via the **transport provider** application; receiving the rating value for the transport user from the **transport provider** device via the **transport provider** application; and updating the transport user rating score of the transport user based on the received rating value for the transport user.			