

CLAIMS:

1. A computer-implemented system for a package delivery, the system comprising:
 - a memory storing instructions; and
 - at least one processor configured to execute the instructions to:
 - receive, by a computer-implemented system, a customer order comprising a first item, a second item, and a third item;
 - generate, using the computer-implemented system, an order identifier based on the customer order;
 - associate each item of a plurality of items of the customer order with the order identifier, wherein each item in the plurality of items is associated with a product identifier;
 - determine that the first item and the second item are associated with a common product identifier and located within a common storage location that is different than a storage location of the third item;
 - cause the first item and the second item to be delivered together and separately from the third item by executing a delivery process comprising:
 - sending, based on the number of items and to at least one user-device for display, a first indication to pick the first item and the second items from the common storage location;
 - sending, to at least one user-device for display a second indication to sort, using a first sortation process, the first item and second item together in a storage space associated with the intended delivery destination, without regard to a status of the third item;
 - receiving, from at least one user-device, a first input related to the first sortation process;
 - sending, to at least one user-device for display, a third indication to sort, using a second sortation process, the first item and second item together in a storage cell corresponding to a

delivery route that includes the intended delivery destination, without regard to the status of the third item;
receiving, from at least one user-device, a second input related to a status of the second sortation process;
sending, to at least one user-device for display, a fourth indication to place the sorted first item and the sorted second item into a container associated with the intended delivery destination, without regard to the status of the third item;
and
sending, to at least one user-device for display, a fifth indication to load the container on a delivery vehicle associated with the delivery route, without regard to a status of the third item.

2. The system of claim 1, wherein the delivery process further comprises sending, based on the number of items and to at least one user-device for display, indications to:
pick, in response to receiving the customer order, the first item and the second item; and
pack the first item and the second item without waiting for the third item.
3. The system of claim 1, wherein the delivery process further comprises reviewing the order identifier, and placing the first item and the second item in a first storage cell the storage space is based on the review.
4. The system of claim 1, wherein the delivery process further comprises reviewing the order identifier, and placing the first item and the second item in the storage cell is based on the review.
5. The system of claim 1 wherein the fifth indication includes instructions to load the container on the delivery vehicle based on an arrangement determined by a promised delivery date for each item of the plurality of items.

6. The system of claim 1, wherein the processor is further configured to update a database of the computer-implemented system with information related with at least one of the first sortation process, the second sortation process, placing each sorted item in the container, and a delivery schedule of the placed items.
7. The system of claim 1, wherein the delivery process is further configured to cause each item associated with the common product identifier to be delivered together in response to a number of items in the customer order exceeding a threshold amount.
8. The system of claim 7, wherein the threshold amount is associated with the common product identifier.
9. The system of claim 1, wherein the third item is associated with the common product identifier.
10. The system of claim 1, wherein the processor is further configured to receive, from at least one user-device, an input comprising information associated with at least one of a storage space identifier, a storage cell identifier, delivery route identifier, a container identifier, and a delivery vehicle identifier.
11. A computer-implemented method for a package delivery, the method comprising:
 - receiving, by a computer-implemented system, a customer order comprising a first item, a second item, and a third item;
 - generating, using the computer-implemented system, an order identifier based on the customer order;
 - associating each item of a plurality of items of the customer order with the order identifier, wherein each item in the plurality of items is associated with a product identifier;
 - determining that the first item and the second item are associated with a common product identifier and located within a common storage location that is different than a storage location of the third item;

causing the first item and the second item to be delivered together and separately from the third item by executing a delivery process comprising:

- sending, based on the number of items and to at least one user-device for display, a first indication to pick the first item and the second items from the common storage location;
- sending, to at least one user-device for display a second indication to sort, using a first sortation process, the first item and second item together in a storage space associated with the intended delivery destination, without regard to a status of the third item;
- receiving, from at least one user-device, a first input related to the first sortation process;
- sending, to at least one user-device for display, a third indication to sort, using a second sortation process, the first item and second item together in a storage cell corresponding to a delivery route that includes the intended delivery destination, without regard to the status of the third item;
- receiving, from at least one user-device, a second input related to a status of the second sortation process;
- sending, to at least one user-device for display, a fourth indication to place the sorted first item and the sorted second item into a container associated with the intended delivery destination, without regard to the status of the third item; and
- sending, to at least one user-device for display, a fifth indication to load the container on a delivery vehicle associated with the delivery route, without regard to a status of the third item.

12. The method of claim 11, wherein the delivery process further comprises sending, based on the number of items and to at least one user-device for display, indications to:
 - pick, in response to receiving the customer order, the first item and the second item; and
 - pack the first item and the second item without waiting for the third item.

13. The method of claim 11, wherein the delivery process further comprises reviewing the order identifier, and placing the first item and the second item in the storage space is based on the review.
14. The method of claim 11, wherein the delivery process further comprises reviewing the order identifier, the order identifier, and wherein placing the first item and the second item in the storage cell is based on the review.
15. The method of claim 11, wherein the fifth indication includes instructions to load the container on the delivery vehicle based on an arrangement determined by a promised delivery date for each item of the plurality of items.
16. The method of claim 11, further comprising updating a database of a computer-implemented system with information related with at least one of the first sortation process, the second sortation process, placing each sorted item in the container, and a delivery schedule of the placed items.
17. The method of claim 11, wherein the delivery process is further configured to cause each item associated with the common product identifier to be delivered together in response to a number of items in the customer order exceeding a threshold amount.
18. The method of claim 17, wherein the threshold amount is associated with the common product identifier.
19. The method of claim 11, wherein the third item is associated with the common product identifier.
20. A computer-implemented system for a package delivery, the system comprising:
 - a memory storing instructions; and
 - at least one processor configured to execute the instructions to:

receive, by a computer-implemented system, a customer order comprising
a first item, a second item, and a third item;
generate, using the computer-implemented system, an order identifier
based on the customer order;
associate each item of a plurality of items of the customer order with the
order identifier, wherein each item in the plurality of items is
associated with a product identifier;
determine that the first item and the second item are associated with a
common product identifier and located within a common storage
location that is different than a storage location of the third item;
cause the first item and the second item to be delivered together and
separately from the third item by executing a delivery process
comprising:
sending, based on the number of items and to at least one user-
device for display, a first indication to pick the first item
and the second items from the common storage location;
sending, to at least one user-device for display, a second indication
to sort the first item, the second item, and the third item by
using a first sortation process comprising:
placing the first item and the second item in a first storage
space associated with the intended delivery
destination based on a first review of the order
identifier, without regard to a status of the third
item; and
placing the third item in a second storage space associated
with the intended delivery destination based on the
first review of the order identifier, without regard to
a status of the first item and the second item;
receive, from at least one user-device, a first input related
to the first sortation process;

receiving, from at least one user-device, a first input related to a status of the first sortation process;

sending, to at least one user-device for display a third indication to sort the first item and the second item using a second sortation process comprising placing the first item and the second item in a storage cell corresponding to a delivery route that includes the intended delivery destination based on a second review of the order identifier, with regard to a status of the third item;

receiving, from at least one user-device, a second input related to a status of a second sortation process;

sending, to at least one user-device for display, a fourth indication to place the sorted first item and the sorted second item into a container associated with the intended delivery destination, without regard to the status of the third item;

receiving, from at least one user-device, a third input related to placing the sorted first item and the sorted second item into the container;

sending, to at least one user-device for display, a fifth indication to load the container on a delivery vehicle based on an arrangement determined by a promised delivery date; and

sending, to at least one user-device for display, a sixth indication to deliver the container to the intended delivery destination, without regard to the status of the third item.