

CLAIMS

1. A computer-implemented method, comprising:
 - receiving, from a microchip affixed to an item, at least one indication of geolocation, wherein the item is different from a packaging of the item and from a label associated with the packaging, wherein each indication of the at least one indication of geolocation corresponds to a first location, wherein the microchip is configured to record location data at a predetermined interval;
 - obtaining a second geolocation from the label, wherein the second geolocation corresponds to a second location;
 - comparing the first geolocation with the second geolocation;
 - receiving a request based on a scan of the label by a consumer, wherein the request is for geolocation data associated with the item, wherein the geolocation data comprises the at least one indication of geolocation and the second geolocation from the label;
 - generating a response to the request, wherein the response comprises a representation based on a result of the comparing that the at least one indication of geolocation and the second geolocation are substantially similar; and
 - providing the response to an electronic device of the consumer.
2. The method of claim 1, further comprising inserting, into the item, the microchip that communicates the at least one indication of geolocation.
3. The method of claim 2, wherein at least one of the at least one indication of geolocation comprises a geolocation of a scanner at the location.
4. The method of claim 1, wherein the at least one indication of geolocation comprises a set of coordinates indicating a boundary region of the location.
5. The method of claim 1, further comprising associating the microchip with the item.

6. The method of claim 1, further comprising receiving a time reference contemporaneously with each of the at least one indication of geolocation.
7. The method of claim 6, further comprising receiving a second time reference contemporaneously with the second geolocation.
8. The method of claim 1, further comprising programming the microchip with the at least one indication of geolocation.
9. The method of claim 1, further comprising obtaining the microchip programmed with the at least one indication of geolocation.
10. The method of claim 1, wherein the item comprises one or more components.
11. The method of claim 10, wherein each of the one or more components is associated with a unique microchip.
12. The method of claim 1, wherein a manufacture of the item comprises one or more steps.
13. The method of claim 12, further comprising obtaining at least one of a third geolocation and a time reference from the microchip at each of the one or more steps.
14. The method of claim 13, further comprising:
comparing the third geolocation to the second geolocation; and
determining that the third geolocation and the second geolocation are substantially similar.
15. The method of claim 1, further comprising storing, to a computer readable medium, at least one of the at least one indication of geolocation, the second geolocation, and the response.
16. The method of claim 1, further comprising receiving one or more image captures from a camera associated with the microchip.

17. The method of claim 1, wherein the response further comprises data specific to a manufacturer of the item and wherein the data is selected from the group consisting of: audio data, image data, video data, employment data, and social compliance data.
18. The method of claim 17, further comprising receiving approval from a retailer to make the data accessible by a consumer.
19. The method of claim 18, further comprising determining that the consumer has authority to access the data.
20. The method of claim 1, further comprising:
generating the label; and
associating the label with the item subsequent to production of the item.
21. A system, comprising:
a database for storing geolocation data for at least one manufacturer of an item;
a processor connected to the database, configured to:
receive, from a microchip affixed to an item, at least one indication of geolocation, wherein the item is different from a packaging of the item and from a label associated with the packaging, wherein each indication of the at least one indication of geolocation corresponds to a first location, wherein the microchip is configured to record location data at a predetermined interval;
obtain a second geolocation from the label, wherein the second geolocation corresponds to a second location;
compare the first geolocation with the second geolocation;
receive a request based on a scan of the label by a consumer, wherein the request is for geolocation data associated with the item, wherein the geolocation data comprises the at least one indication of geolocation and the second geolocation from the label;

generate a response to the request, wherein the response comprises a representation based on a result of a comparison that the at least one indication of geolocation and the second geolocation are substantially similar; and
provide the response to an electronic device of the consumer.

CLAIMS

1. A computer-implemented method, comprising:

receiving, from a microchip associated with an item, at least one indication of geolocation, wherein the at least one indication of geolocation comprises a set of location coordinates; obtaining a second geolocation from a label, wherein the second geolocation corresponds to a location of the label and comprises a set of location coordinates; wherein a pre-defined boundary region is defined by one or more sets of location coordinates, and any geolocation within the pre-defined boundary region is associated with a named location; receiving a request based on a scan of the label by a consumer, wherein the request includes geolocation data associated with the item, and wherein the geolocation data comprises the at least one indication of geolocation and the second geolocation from the label; generating a response to the request, wherein the response comprises a representation that the at least one indication of geolocation and the second geolocation are of the same named location; and providing the response to an electronic device of the consumer.

2. The method of claim 1, further comprising inserting, into the item, the microchip that communicates the at least one indication of geolocation.
3. The method of claim 1, further comprising receiving a time reference contemporaneously with each of the at least one indication of geolocation and with the second geolocation.
4. The method of claim 3, wherein each time reference is accompanied by a certification from a worker responsible for activity occurring at the respective time reference.
5. The method of claim 1, wherein the item comprises one or more components, each of the one or more components is associated with a unique microchip, each microchip provides an indication of geolocation comprising a set of location coordinates, and the response comprises a representation that every indication of geolocation and the second geolocation are of the same named location.
6. The method of claim 1, wherein a manufacture of the item comprises one or more steps, the method further comprising obtaining at least one of a third geolocation and a third time reference from the microchip at each of the one or more steps.
7. The method of claim 6, further comprising: comparing the third geolocation to the second geolocation; and determining that the third geolocation and the second geolocation are of the same named location.
8. The method of claim 6, wherein each third time reference is accompanied by a certification from a worker responsible for the respective step.

9. The method of claim 1, further comprising receiving one or more image captures from a camera associated with the microchip.
10. The method of claim 1, wherein the named location is associated with a manufacturer, and the response further provides a representation that the at least one indication of geolocation and the second geolocation are of the same manufacturer.
11. The method of claim 10, wherein the response further comprises data specific to the manufacturer, and wherein the data includes image data of the item at each of the at least one geolocation, image data at the second geolocation, and social compliance data of the manufacturer.
12. The method of claim 11, wherein the response further comprises employment data of a worker responsible for activity occurring at each of the at least one geolocation and the second geolocation.
13. A system, comprising:
 - a database for storing geolocation data for at least one manufacturer of an item;
 - a processor connected to the database, configured to:
 - receive, from a microchip affixed to an item, at least one indication of geolocation, wherein the at least one indication of geolocation comprises a set of location coordinates;
 - obtain a second geolocation from a label, wherein the second geolocation corresponds to a location of the label and comprises a set of location coordinates; wherein a pre-defined boundary region is defined by one or more sets of location coordinates, and any geolocation within the pre-defined boundary region is associated with a named location; receive a request based on a scan of the label by a consumer, wherein the request includes geolocation data associated with the item, and wherein the geolocation data comprises the at least one indication of geolocation and the second geolocation from the label; generate a response to the request, wherein the response comprises a representation based on a result of a comparison that the at least one indication of geolocation and the second geolocation are of the same named location; and provide the response to an electronic device of the consumer.
14. The system of claim 13, wherein the response to the request is verifying or is not verifying of the representation, and, if the response does not verify the representation, the method further comprises the step of sending a message to an authority or other third party indicating a discrepancy concerning a lack of representation verification.
15. The system of claim 13, wherein the processor is further configured to:
 - receive a time reference contemporaneously with each of the at least one indication of geolocation and with the second geolocation, where each time reference is accompanied by a certification from a worker responsible for activity occurring at the respective time reference.

16. The system of claim 13, wherein a manufacture of the item comprises one or more steps, and wherein the processor is further configured to:

obtain at least one of a third geolocation and a third time reference from the microchip at each of the one or more steps, where each third time reference is accompanied by a certification from a worker responsible for the respective step; compare the third geolocation to the second geolocation; and determine that the third geolocation and the second geolocation are of the same named location.

17. The system of claim 13, wherein the named location is associated with a manufacturer, and the response further provides:

a representation that the at least one indication of geolocation and the second geolocation are of the same manufacturer; and data specific to the manufacturer, the data including image data of the item at each of the at least one geolocation, image data at the second geolocation, social compliance data of the manufacturer, and employment data of a worker responsible for activity occurring at each of the at least one geolocation and the second geolocation.

18. A computer-implemented method for validating location of product manufacture, the method comprising the steps of:

receiving, from a microchip associated with a first item, an indication of time and location of the first item at each of: first item arrival at a new location; transformation of the first item, a beginning and end of transportation of the first item, a beginning and end of storage of the first item, and combination of the first item with a second item; receiving, from a microchip associated with the second item, an indication of time and location of the second item at each of: second item arrival at a new location; transformation of the second item, a beginning and end of transportation of the second item, a beginning and end of storage of the second item, and combination of the second item with the first item; receiving, from a label associated with a product, an indication of time and location of the product upon association of the label to the product, where the product is comprised of the first and the second items; receiving, from the label associated with the product, an indication of time and location of the product at each of: product arrival at a new location; transformation of the product, a beginning and end of transportation of the product, and a beginning and end of storage of the product; wherein location indications include predefined boundaries, where the predefined boundaries include one or more facilities defined as being within a single named location, and where the location indications include all of an actual location, an associated named location, and a named manufacturer associated with the associated named location; receiving a request, based on a scan of the label, to assess certain, pre-defined indications of location of the first and the second items relative to certain, pre-defined indications of location of the product; and generating a response to the request, wherein the response comprises a representation that the certain, pre-defined indications of location of the first and the second items are the same as the certain, pre-defined indications of location of the product.

19. The method of claim 18, wherein the certain, pre-defined indications of location of the first item, of the second item, and of the product all have the same associated named location and the response therefore validates location of product manufacture.

20. The method of claim 18, wherein each indication of time and location for each of the first and the second items further includes an identification of individual overseeing each indication.

21. The method of claim 20, wherein the certain, pre-defined indications of location of the first item, of the second item, and of the product all have the same associated named location, and the response

therefore validates location of product manufacture and further provides the identification of the individuals overseeing each indication.

22. The method of claim 1, wherein the response to the request is verifying or is not verifying of the representation, and, if the response does not verify the representation, the method further comprises the step of sending a message to an authority or other third party indicating a discrepancy concerning a lack of representation verification.