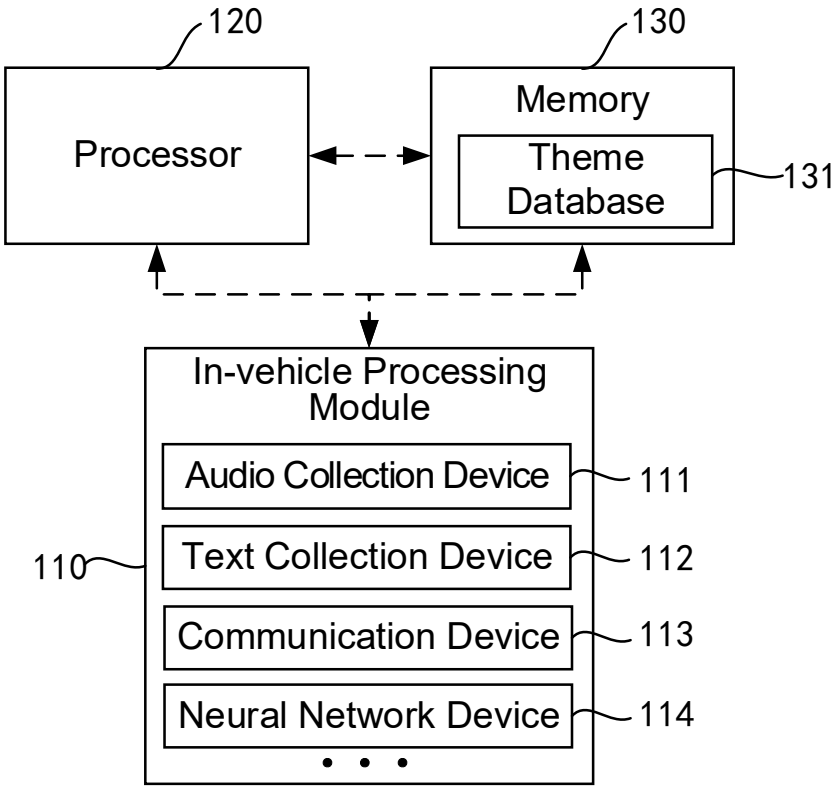

120
130
Processor
Memory
Theme Database
131
In-vehicle Processing Module
Audio Collection Device
111
110
Text Collection Device
112
Communication Device
113
Neural Network Device
114

FIG. 1

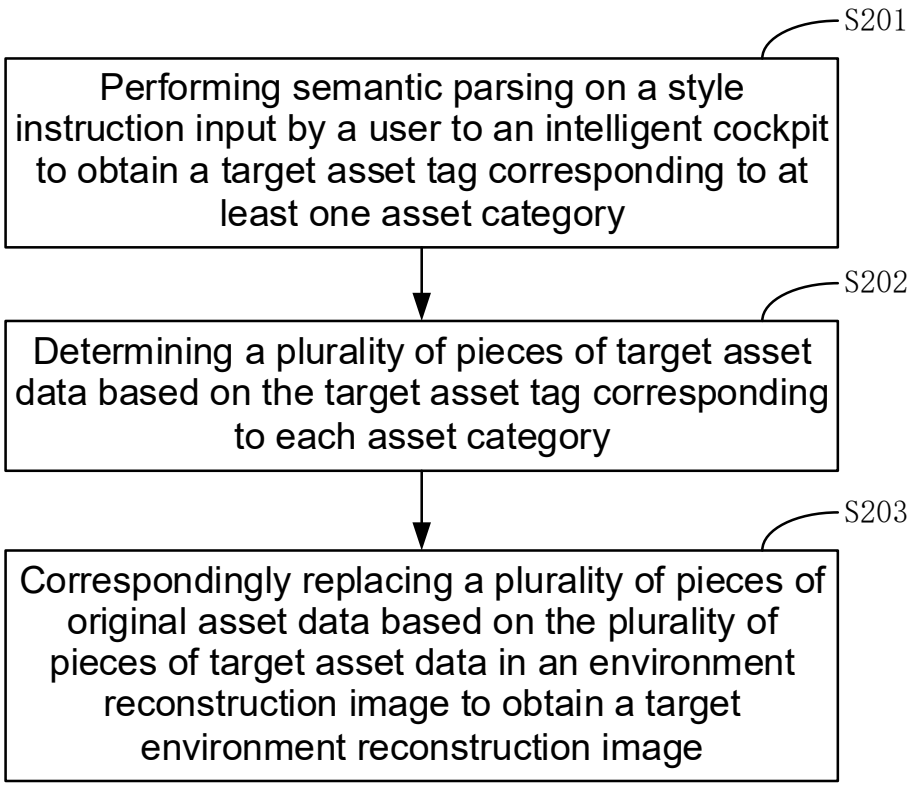

S201
Performing semantic parsing on a style instruction input by a user to an intelligent cockpit to obtain a target asset tag corresponding to at least one asset category
S202
Determining a plurality of pieces of target asset data based on the target asset tag corresponding to each asset category
S203
Correspondingly replacing a plurality of pieces of original asset data based on the plurality of pieces of target asset data in an environment reconstruction image to obtain a target environment reconstruction image

FIG. 2

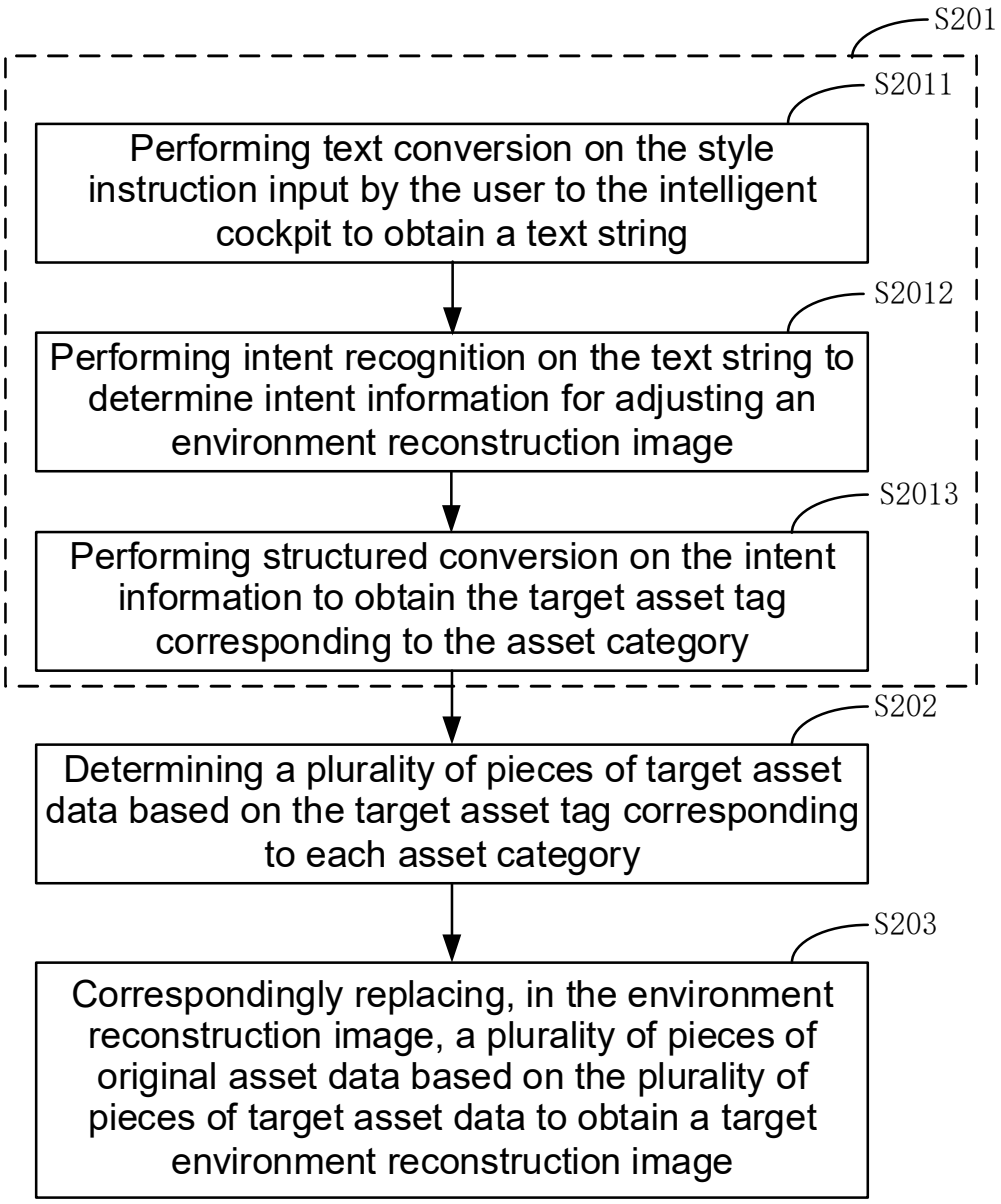

S201
S2011
Performing text conversion on the style instruction input by the user to the intelligent cockpit to obtain a text string
S2012
Performing intent recognition on the text string to determine intent information for adjusting an environment reconstruction image
S2013
Performing structured conversion on the intent information to obtain the target asset tag corresponding to the asset category
S202
Determining a plurality of pieces of target asset data based on the target asset tag corresponding to each asset category
S203
Correspondingly replacing, in the environment reconstruction image, a plurality of pieces of original asset data based on the plurality of pieces of target asset data to obtain a target environment reconstruction image

FIG. 3

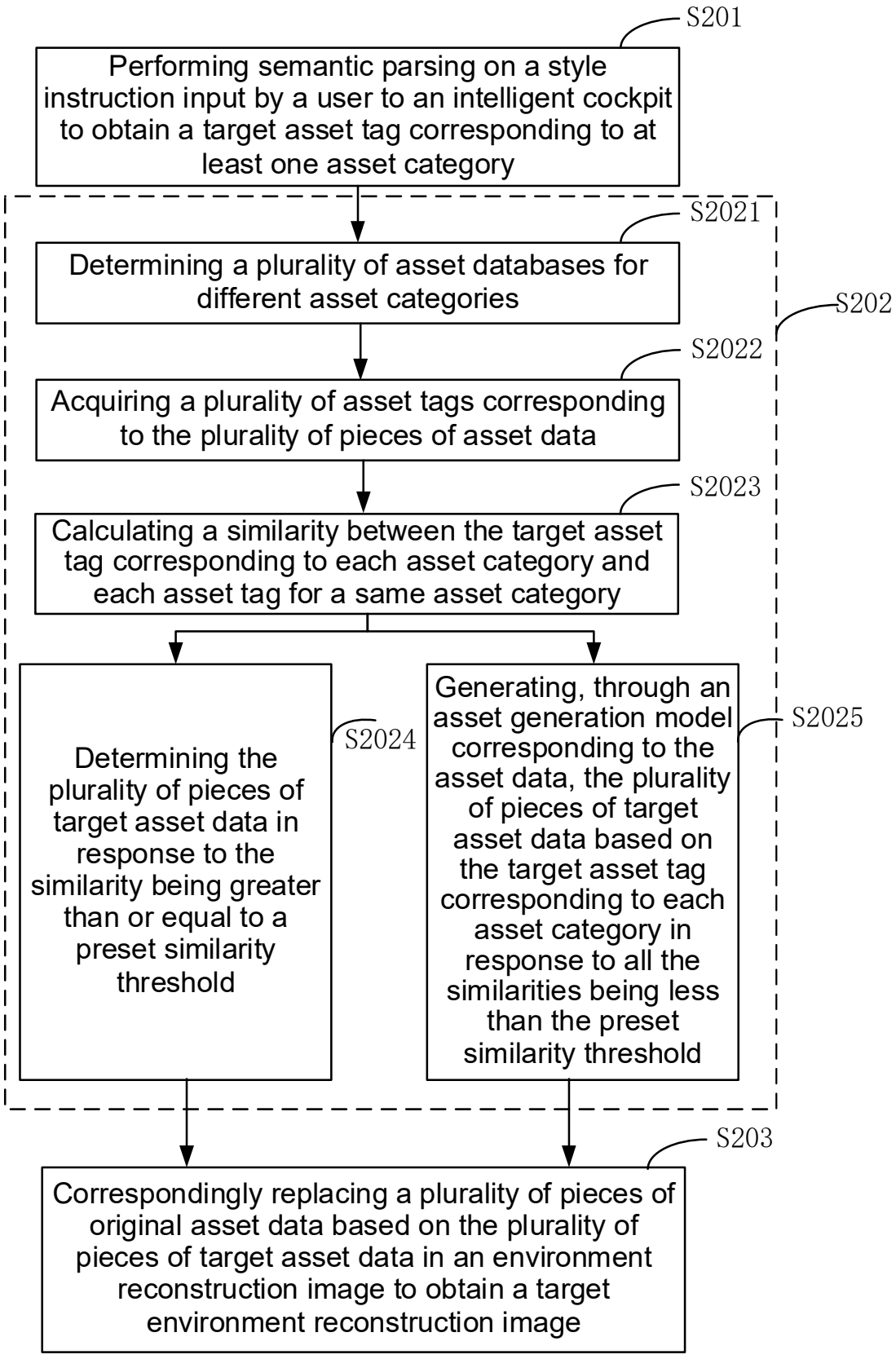

S201
Performing semantic parsing on a style instruction input by a user to an intelligent cockpit to obtain a target asset tag corresponding to at least one asset category
S202
S2021
Determining a plurality of asset databases for different asset categories
S2022
Acquiring a plurality of asset tags corresponding to the plurality of pieces of asset data
S2023
Calculating a similarity between the target asset tag corresponding to each asset category and each asset tag for a same asset category
S2024
Determining the plurality of pieces of target asset data in response to the similarity being greater than or equal to a preset similarity threshold
S2025
Generating, through an asset generation model corresponding to the asset data, the plurality of pieces of target asset data based on the target asset tag corresponding to each asset category in response to all the similarities being less than the preset similarity threshold
S203
Correspondingly replacing a plurality of pieces of original asset data based on the plurality of pieces of target asset data in an environment reconstruction image to obtain a target environment reconstruction image

FIG. 4

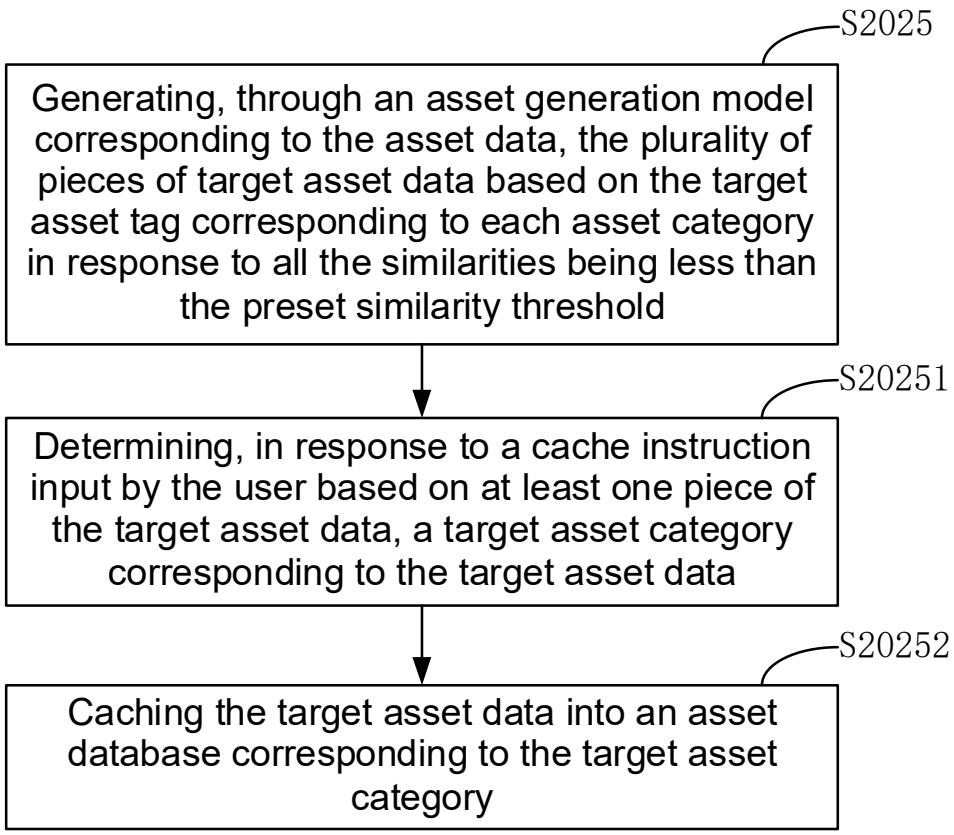

S2025
Generating, through an asset generation model corresponding to the asset data, the plurality of pieces of target asset data based on the target asset tag corresponding to each asset category in response to all the similarities being less than the preset similarity threshold
S20251
Determining, in response to a cache instruction input by the user based on at least one piece of the target asset data, a target asset category corresponding to the target asset data
S20252
Caching the target asset data into an asset database corresponding to the target asset category

FIG. 5

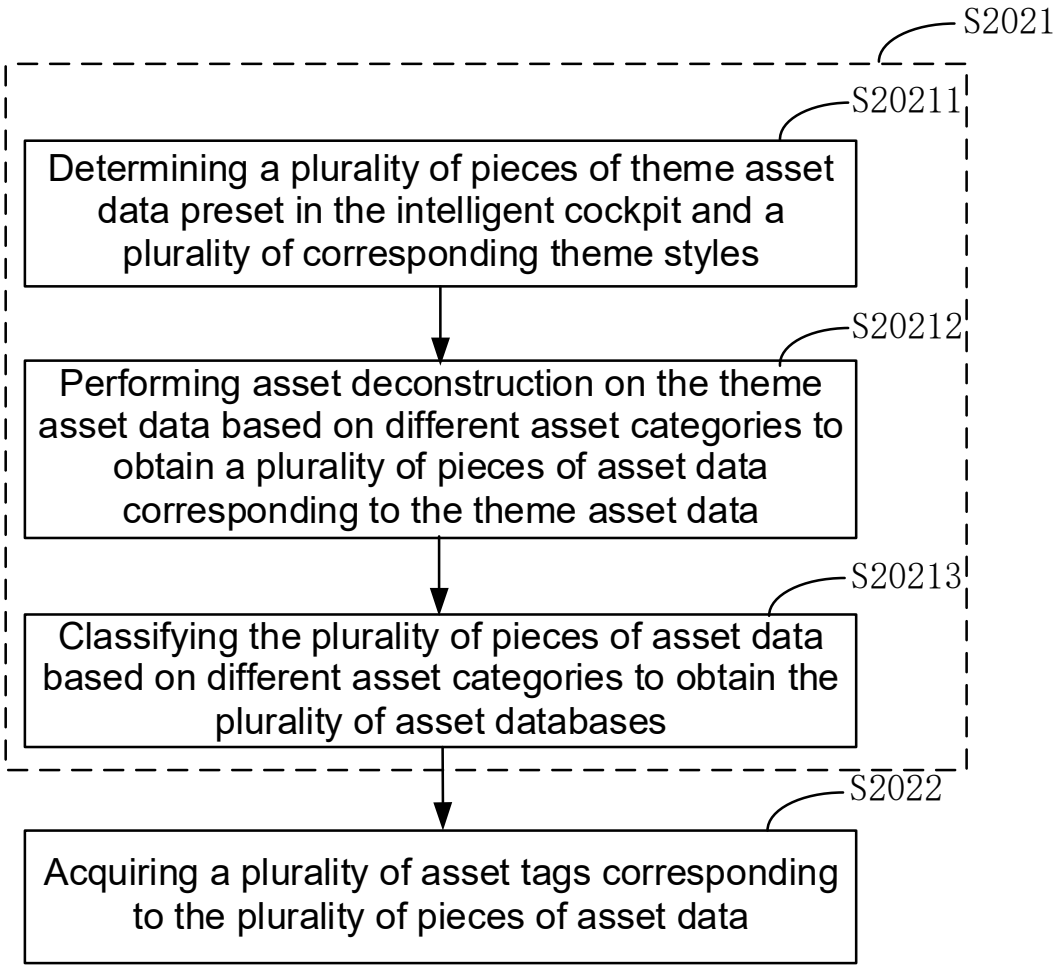

S2021
S20211
Determining a plurality of pieces of theme asset data preset in the intelligent cockpit and a plurality of corresponding theme styles
S20212
Performing asset deconstruction on the theme asset data based on different asset categories to obtain a plurality of pieces of asset data corresponding to the theme asset data
S20213
Classifying the plurality of pieces of asset data based on different asset categories to obtain the plurality of asset databases
S2022
Acquiring a plurality of asset tags corresponding to the plurality of pieces of asset data

FIG. 6

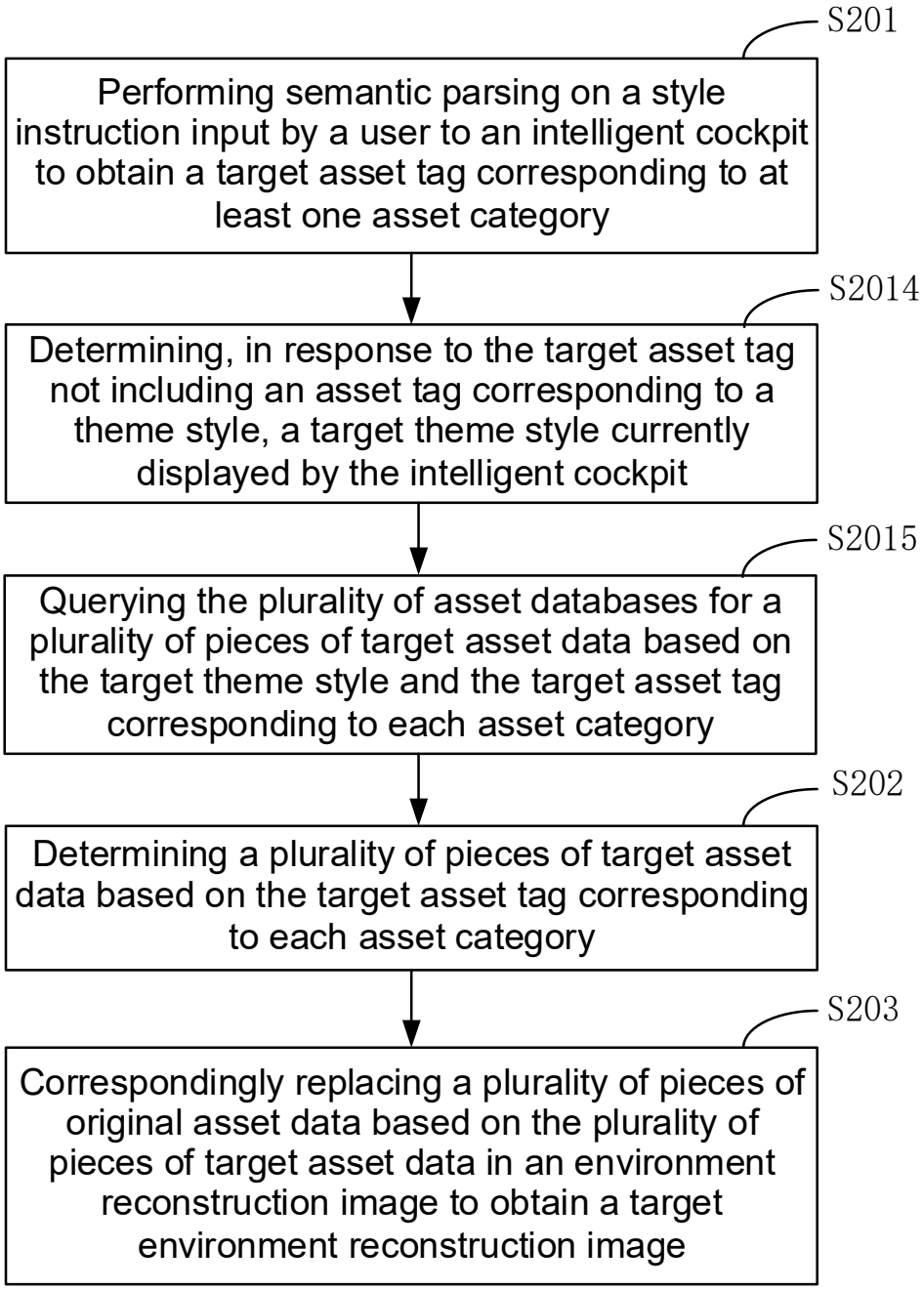

S201
Performing semantic parsing on a style instruction input by a user to an intelligent cockpit to obtain a target asset tag corresponding to at least one asset category
S2014
Determining, in response to the target asset tag not including an asset tag corresponding to a theme style, a target theme style currently displayed by the intelligent cockpit
S2015
Querying the plurality of asset databases for a plurality of pieces of target asset data based on the target theme style and the target asset tag corresponding to each asset category
S202
Determining a plurality of pieces of target asset data based on the target asset tag corresponding to each asset category
S203
Correspondingly replacing a plurality of pieces of original asset data based on the plurality of pieces of target asset data in an environment reconstruction image to obtain a target environment reconstruction image

FIG. 7

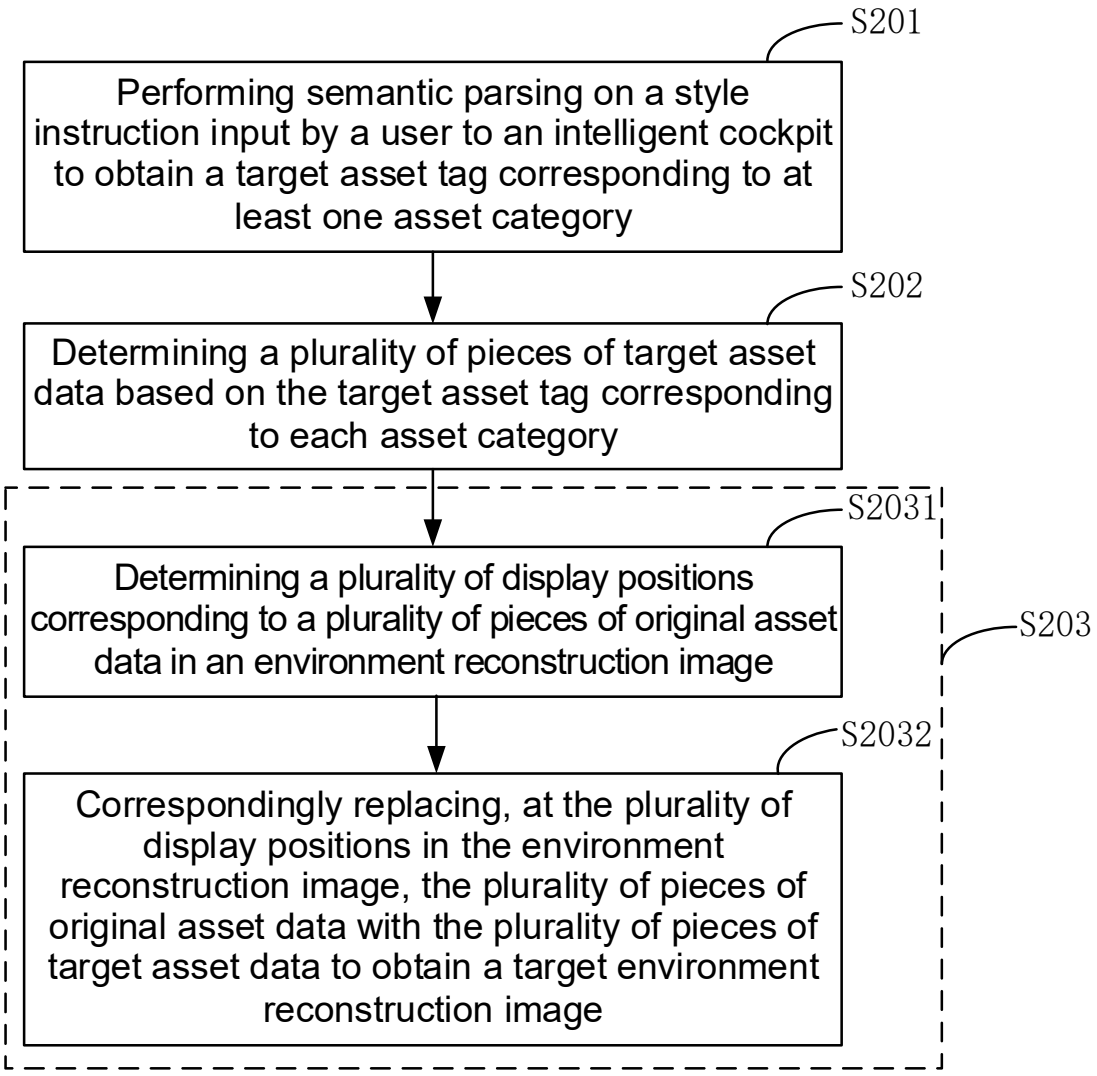

S201
Performing semantic parsing on a style instruction input by a user to an intelligent cockpit to obtain a target asset tag corresponding to at least one asset category
S202
Determining a plurality of pieces of target asset data based on the target asset tag corresponding to each asset category
S2031
Determining a plurality of display positions corresponding to a plurality of pieces of original asset data in an environment reconstruction image
S203
S2032
Correspondingly replacing, at the plurality of display positions in the environment reconstruction image, the plurality of pieces of original asset data with the plurality of pieces of target asset data to obtain a target environment reconstruction image

FIG. 8

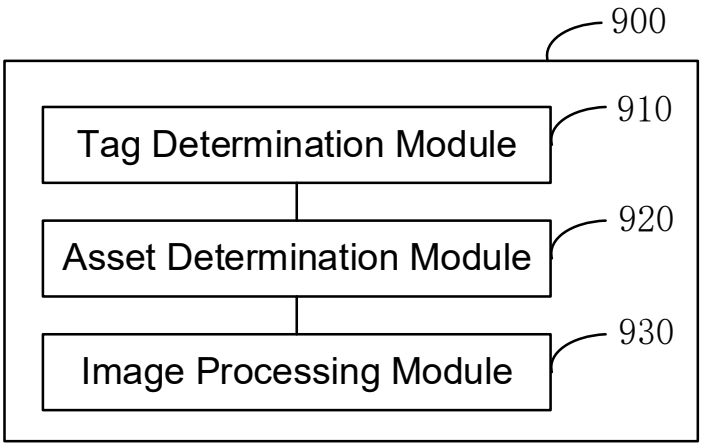

900
Tag Determination Module
910
Asset Determination Module
920
Image Processing Module
930

FIG. 9

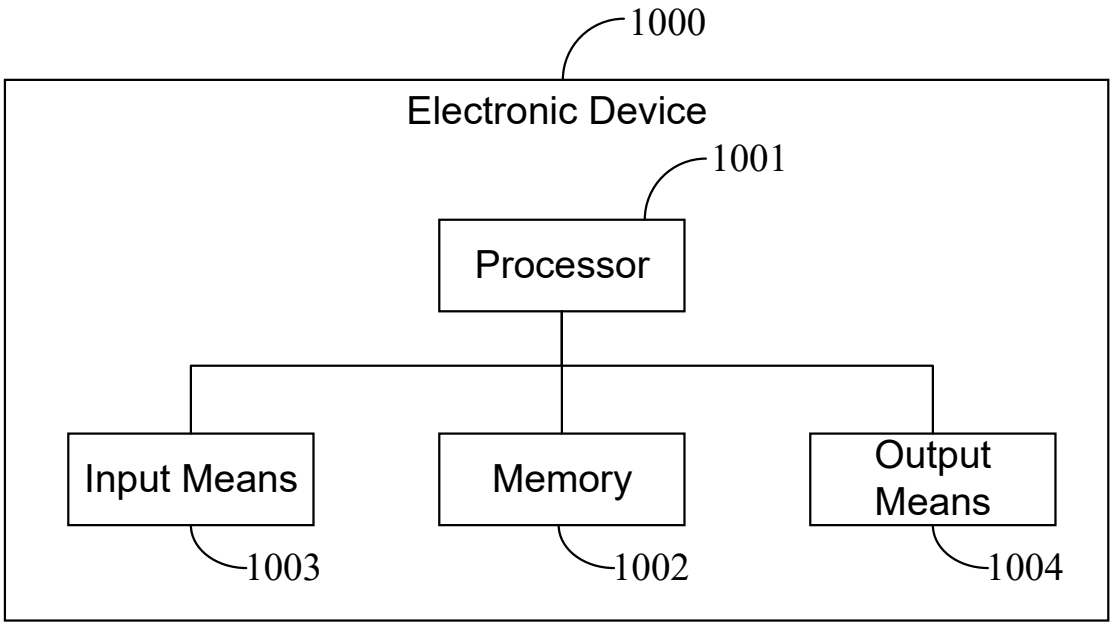

1000
Electronic Device
1001
Processor
Input Means
Memory
Output Means
1003
1002
1004

FIG. 10