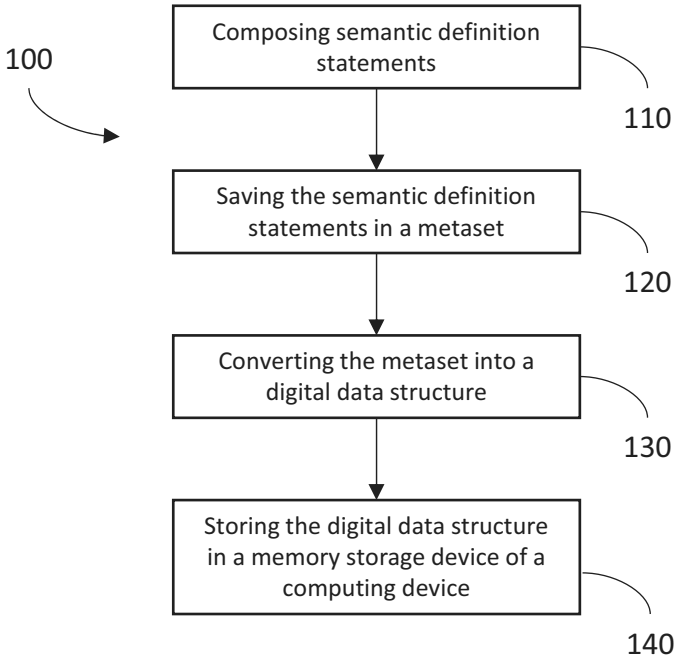

100
Composing semantic definition statements
110
Saving the semantic definition statements in a metaset
120
Converting the metaset into a digital data structure
130
Storing the digital data structure in a memory storage device of a computing device
140

Fig. 1

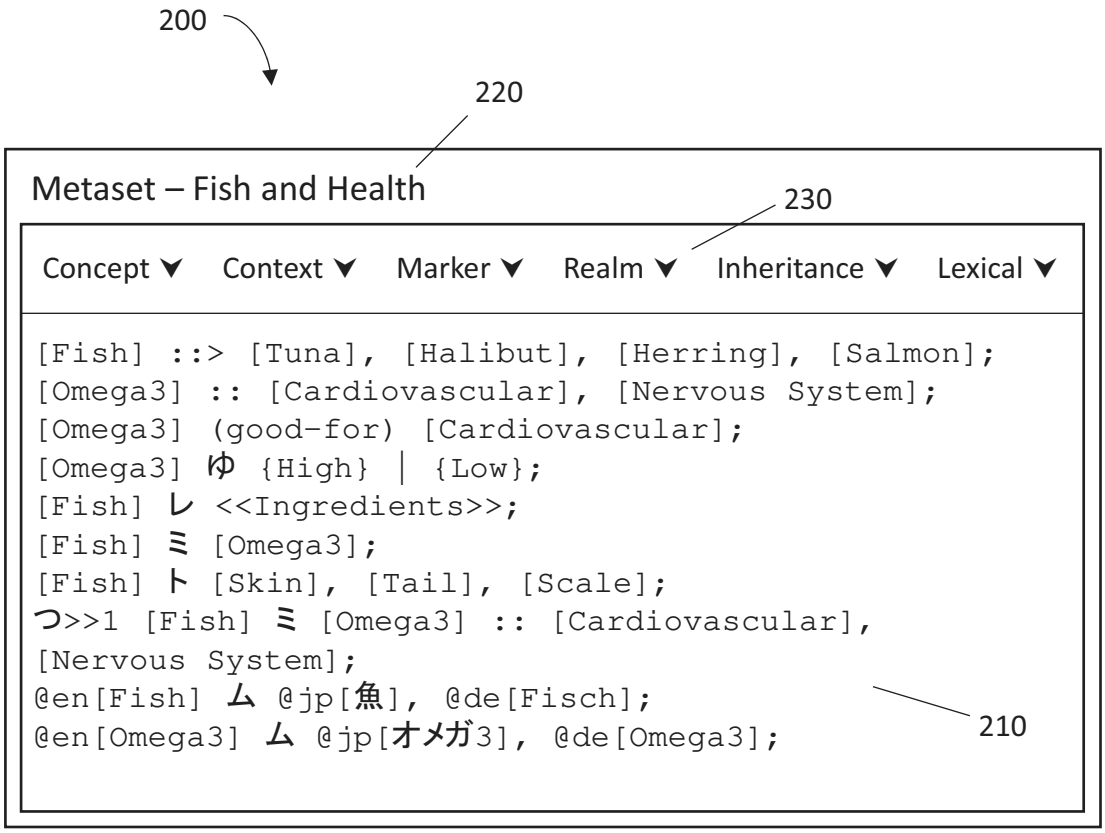

200
220
Metaset – Fish and Health
230
Concept
Context
Marker
Realm
Inheritance
Lexical
[Fish] ::> [Tuna], [Halibut], [Herring], [Salmon];
[Omega3] :: [Cardiovascular], [Nervous System];
[Omega3] (good-for) [Cardiovascular];
[Omega3] ゆ {High} | {Low};
[Fish] レ <<Ingredients>>;
[Fish] ミ [Omega3];
[Fish] ト [Skin], [Tail], [Scale];
つ>>1 [Fish] ミ [Omega3] :: [Cardiovascular],
[Nervous System];
@en[Fish] ム @jp[魚], @de[Fisch];
@en[Omega3] ム @jp[オメガ3], @de[Omega3];
210

Fig. 2

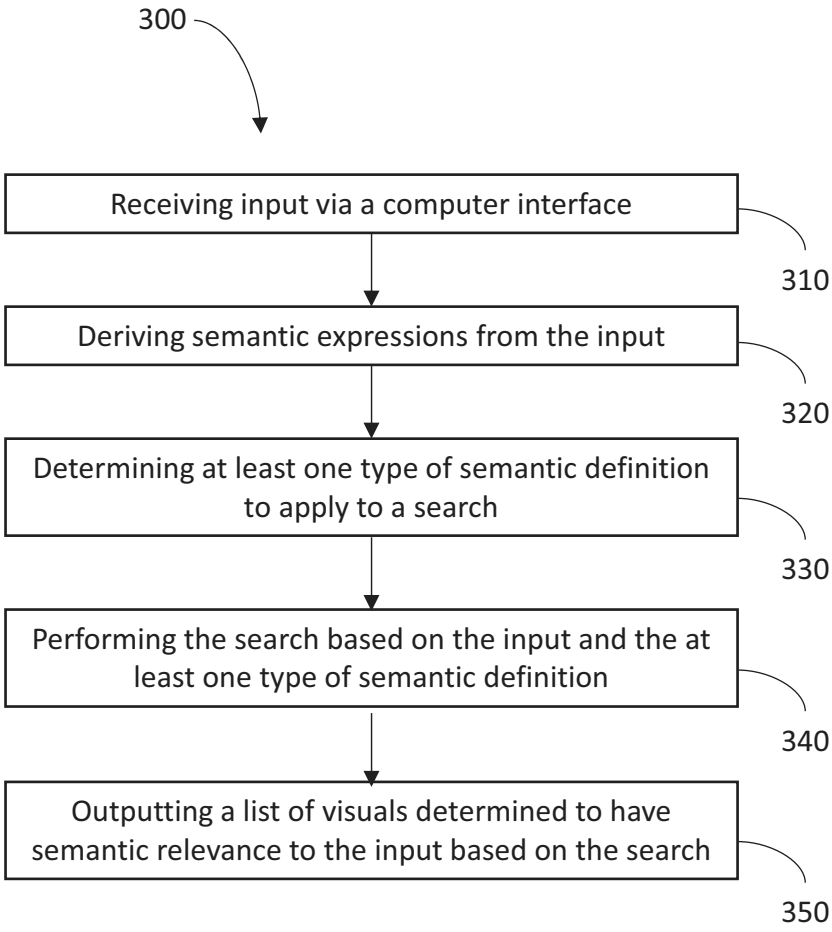

300
Receiving input via a computer interface
310
Deriving semantic expressions from the input
320
Determining at least one type of semantic definition to apply to a search
330
Performing the search based on the input and the at least one type of semantic definition
340
Outputting a list of visuals determined to have semantic relevance to the input based on the search
350

Fig. 3

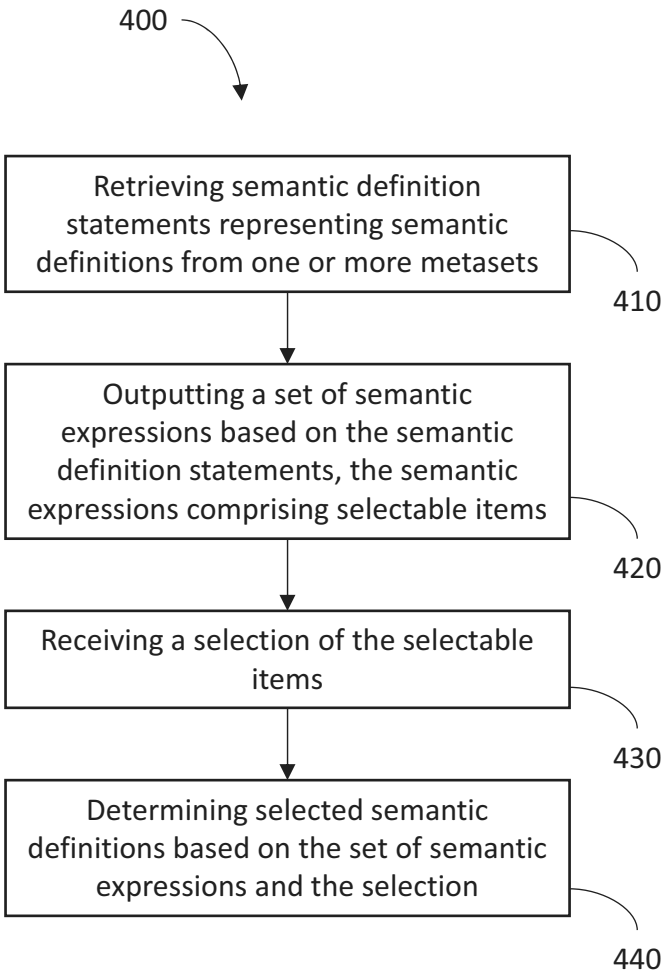

400
Retrieving semantic definition statements representing semantic definitions from one or more metasets
410
Outputting a set of semantic expressions based on the semantic definition statements, the semantic expressions comprising selectable items
420
Receiving a selection of the selectable items
430
Determining selected semantic definitions based on the set of semantic expressions and the selection
440

Fig. 4

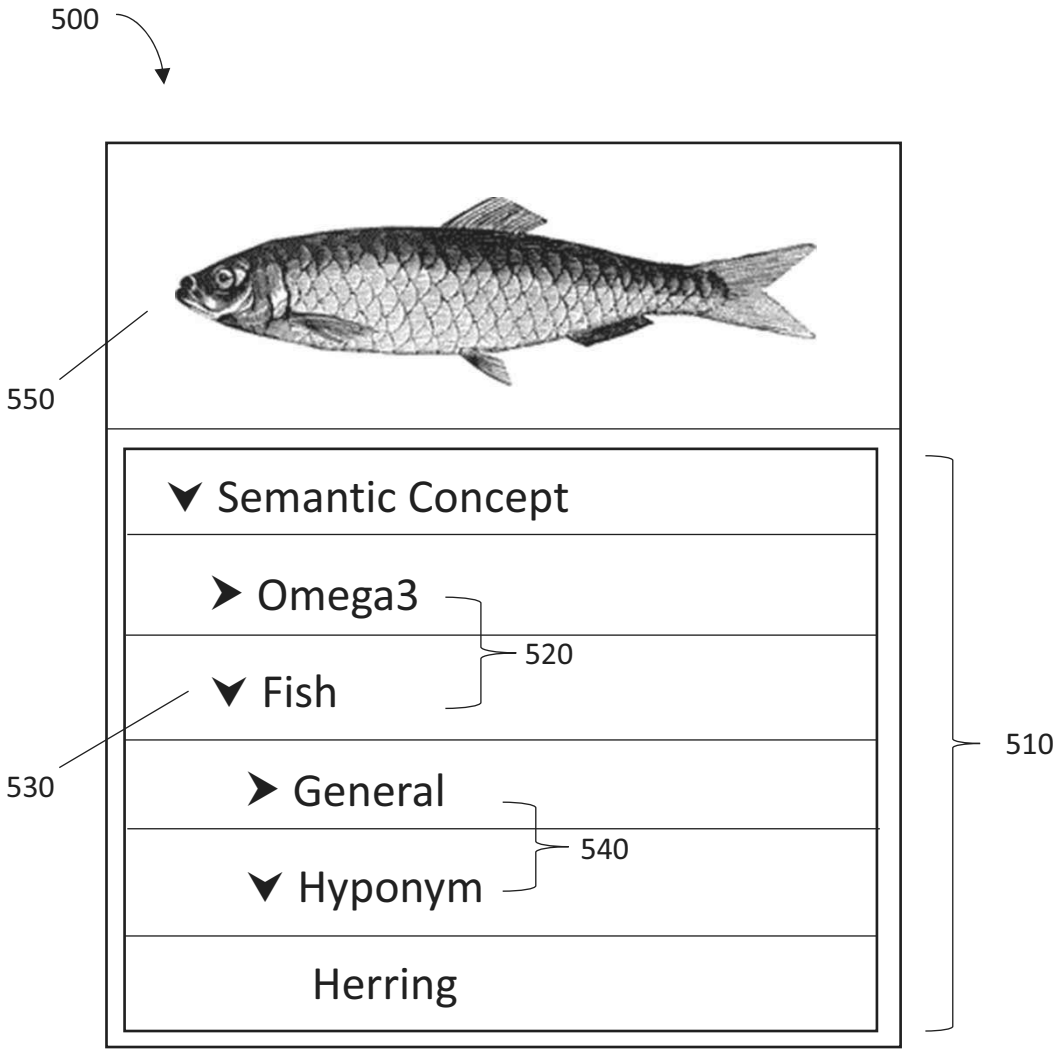

500
550
Semantic Concept
Omega3
Fish
520
530
General
Hyponym
540
Herring
510

Fig. 5

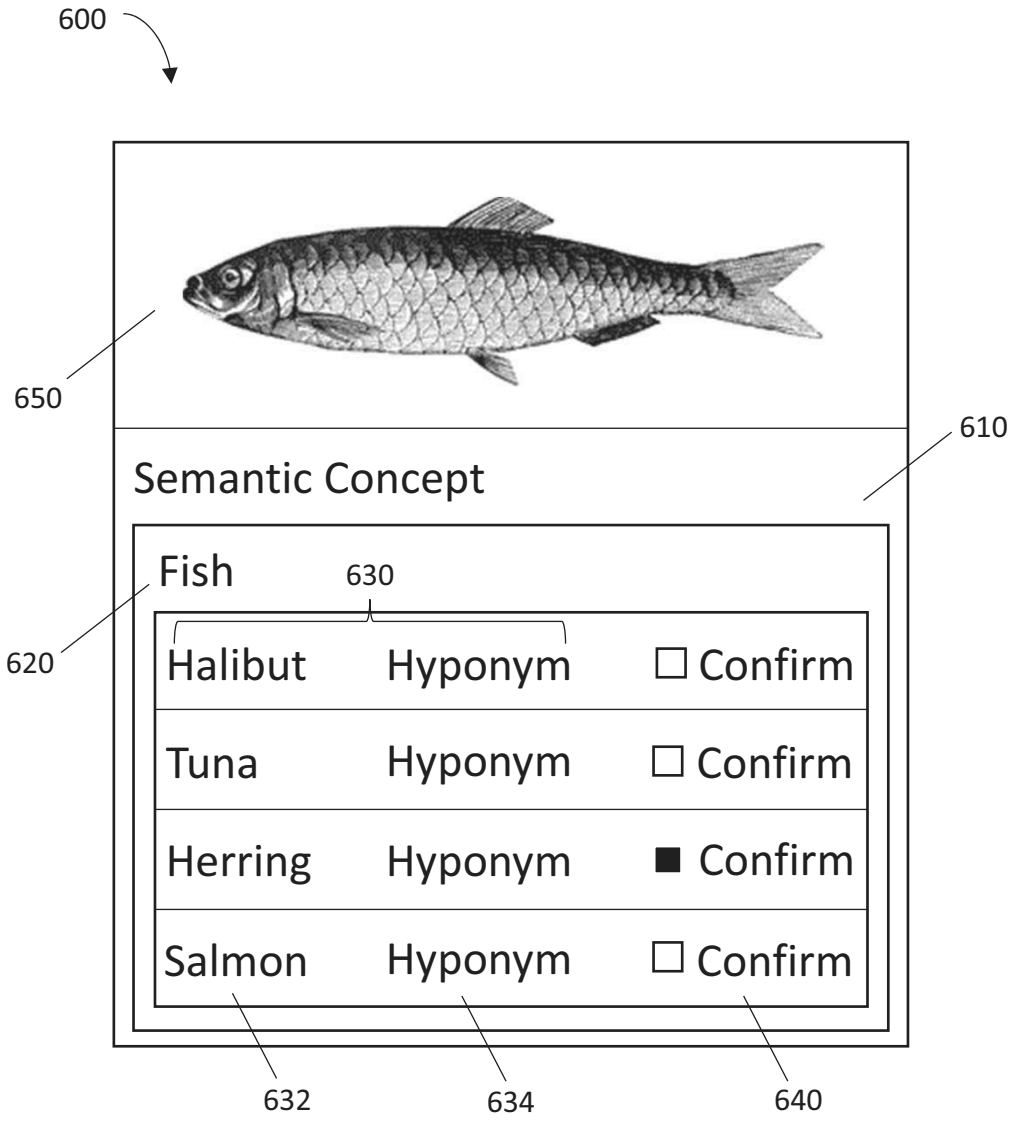

600
650
610
Semantic Concept
Fish
630
620
Halibut
Hyponym
☐ Confirm
Tuna
Hyponym
☐ Confirm
Herring
Hyponym
■ Confirm
Salmon
Hyponym
☐ Confirm
632
634
640

Fig. 6

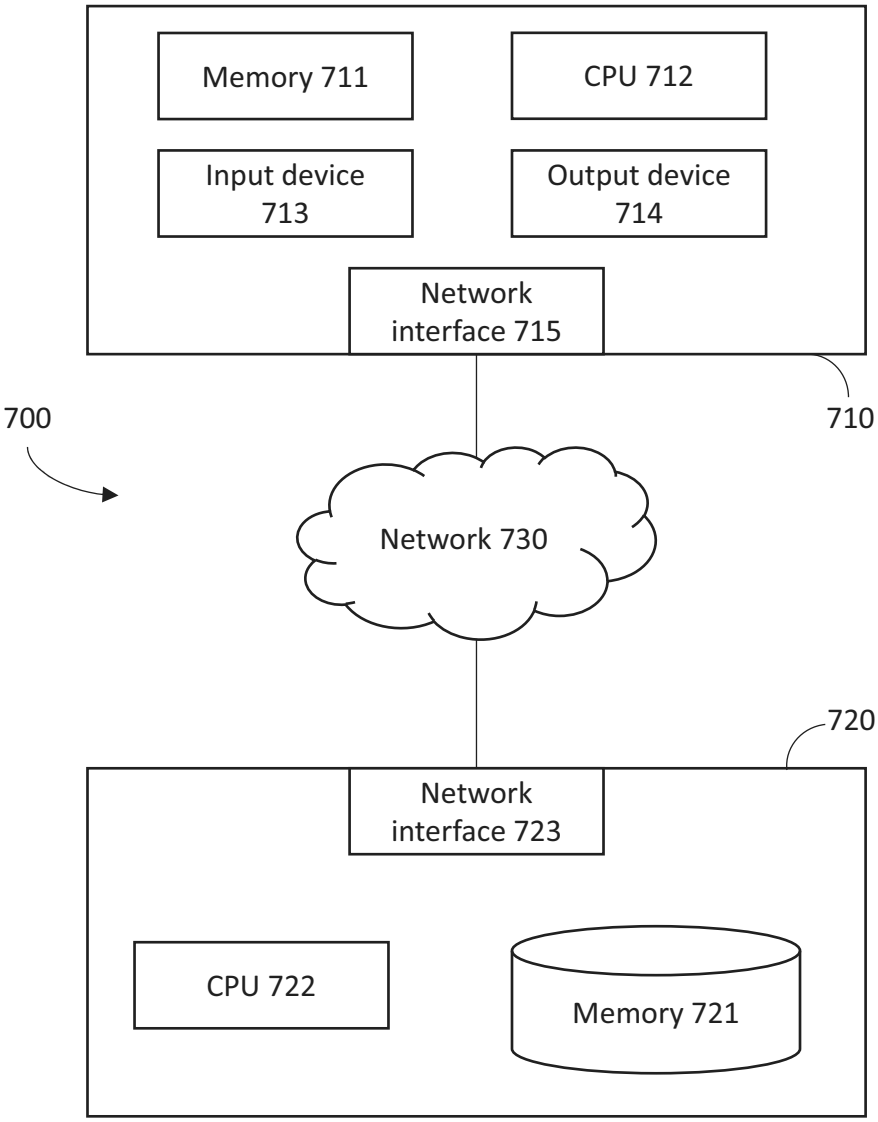

Memory 711
CPU 712
Input device 713
Output device 714
Network interface 715
710
700
Network 730
720
Network interface 723
CPU 722
Memory 721

Fig. 7