

800. The items Y, Z, B and C are stored in an order in the information package **701** (FIG. 7) corresponding to the selected relation criterion with respect to the specified information **800** (for example, an order in which items of information having close similarity in contents with regard to the relevant relation criterion). The items of information Z and B adjacent to the information A are displayed larger than the items of information Y and C. Also, in the disclosed embodiment, of the items of information aligned on the selection axis **810**, the items of information located three or more elements away from the specified information **800** in their storage positions in an information package corresponding to the selected relation criterion are not displayed on the display device **105**. However, these items of information may be displayed without departing from the scope and/or spirit of the invention.

[**0138**] Other items of information relating to the specified information **800** by way of other relation criteria, other than the selected relation criterion, are displayed on non-selection axes **820** to **850** for respective relation criteria, that is, for respective information packages. For example, in FIG. **8A**, items of information J, K, L and M aligned on the non-selection axis **820** are two previous and two subsequent items of information centered around the information A, which are displayed in an order in which they are stored in the information package **703** with respect to the information A, which is the specified information **800**. The items of information K and L adjacent to the information A are displayed larger than the items of information J and M.

[**0139**] Also, where there are a plurality of information packages including an item of information selected as the specified information **800**, up to four information packages may be selected according to storage positions in an order based on an information package which is made as the selected relation criterion. The other items of information relating to the specified information **800** via the relation criteria, corresponding to the selected information packages, are displayed on the display device **105** as being aligned on the non-selection axes **820** to **850** for each relation criterion.

[**0140**] The number of non-selection axes **820** to **850** varies according to the number of information packages that include an item of information selected as the specified information **800**. That is, information packages that include an item of information selected as the specified information **800** are searched for, and the non-selection axes **820** to **850** is set according to the number of information packages found. For example, if information A is included in three information packages **701**, **703** and **705**, in the event that the information A is set as the specified information **800**, and a relation criterion corresponding to the information package **701** is set as the selected relation criterion, the items of information are displayed as being aligned on only two non-selection axes **820** and **850**. In case that there is only one information package including an item of information selected as the specified information **800**, the other items of information are displayed as being aligned on the selection axis **810** with the one information package being the selected relation criterion. No other items of information are displayed on the non-selection axes **820** to **850**.

[**0141**] When the up direction key is actuated on the input device **104** in a condition in which FIG. **8A** is displayed on the display device **105**, as shown in FIG. **8B**, items of

information aligned on the selection axis **810** move up by one, and information B becomes the new specified information **800**. Also, when the down direction key is actuated on the input device **104** in a condition in which FIG. **8A** is displayed on the display device, items of information aligned on the selection axis **810** move down by one, and information Z becomes the new specified information **800**.

[**0142**] When the information B is set as the specified information **800** by an actuation of the up direction key, a search is made to find information packages that include the information B. For example, the information B may be included in the information packages **701**, **702**, **703** and **706** shown in FIG. 7. At this point, as shown in FIG. **8B**, the other items of information E, F, G and H, other than the information B included in the information package **702**, are displayed as being aligned on the nonselection axis **820**. The other items of information L, X, N and O, other than the information B included in the information package **703**, are displayed as being aligned on the non-selection axis **830**. Furthermore, the other items of information N, Z, D and S, other than the information B included in the information package **706**, are displayed as being aligned on the non-selection axis **850**.

[**0143**] In the event that the left or right direction keys are actuated on the input device **104**, in the same way as in the first embodiment, an information package to be selected as the selected relation criterion changes according to the input. Information packages that are to become the relation criteria of the non-selection axes **820** to **850** also change with a change of the selected relation criterion. In this aspect, this embodiment is the same as the first embodiment in that the selection axis **810** and the non-selection axes **820** to **850** need only be recognized by the user, and need not be recognized by the CPU **101**.

[**0144**] Furthermore, this embodiment is the same as the first embodiment in the aspect that, each time the specified information **800** or the selected relation criterion changes, its history is stored, and the previous display mode may be returned by an actuation of the X-button on the input device **104**. This embodiment is also the same as the first embodiment in the aspect that the specified information **800** and the selected relation criterion are bookmarked in response to an actuation of the square button, and the bookmarked display mode may be restored by actuation of the triangle button. This embodiment is also the same as the first embodiment in the aspect that a process corresponding to the specified information **800** may be executed in response to an actuation of the circle button. Also, in case the specified information **800** is changed by an actuation of the X-button or the triangle button, an information package, including the same item of information as the new specified information **800**, is retrieved in the same way as in the case in which the specified information **800** is changed in response to an actuation of the up or down direction keys.

[**0145**] Hereafter, a description will be given of an exemplary, non-limiting process executed in the information processing apparatus according to this embodiment. FIG. **9** is a flowchart showing an exemplary process in this embodiment. Although other processes, other than the process shown here, are carried out in the information processing apparatus as the skilled artisan will recognize, an exemplary, non-limiting process minimally necessary for describing the invention is shown here.