accords with the regulation of the pallet chain function. The line means the pallet chain function. If screens and vouchers have already been determined, the connections between pallets are to be necessarily determined.

[0081]   The Fig. 9 is a homogeneity map for the above "sales entry."

[0082]   91 is a menu screen. One can select "sales entry" from the menu screen.

[0083]   92 is the W04 pallet for the screen (Fig. 2) on which to enter sales data, whereas 93 is its W02 pallet.

[0084]   94 is the W03 pallet at the time when "execution" has been selected in the screen on which to enter sales data.

[0085]   95 is the W03 pallet at the time when "registration" has been selected in the screen on which to enter sales data. The WFL (Work File Area) 96 means to write data onto a file.

[0086]   97 is the W04 pallet for the screen (Fig. 3) at the time when "reference" of "the customer code" has been selected in the screen on which to enter sales data, whereas 98 is its W02 pallet.

[0087]   When "end" is selected in the screen on which to enter sales data, it returns to the menu screen.

[0088]   In each pallet, the following are described: the kind of pallet (in the upper part outside the box); the name of screen (in the upper part inside the box); the screen identifier (in the lower part inside the box); and the determined file name (discussed later) (in the dot-line box in the lower part outside the box).

[0089]   Above the line connecting pallets, the name of buttons (such as "execution" and "registration") are described, and below the line is described, the absolute classification of the process (R0 - R5)(discussed later).

[0090]   Fig. 10 is a homogeneity map for the above "arrival confirmation entry."

[0091]   101 means a menu screen, on which "arrival confirmation entry" can be selected.

[0092]   102 is the W04 pallet for the screen (Fig. 4) on which to enter arrivals confirmation, whereas 103 is its W02 pallet.

[0093]   104 is the W04 pallet for the warehouse codes reference screen (Fig. 5) at the time when "reference" of the "warehouse codes" has been selected in the screen on which to enter arrival confirmation, whereas 105 is its W02 pallet.

[0094]   When "execution" is selected in the screen on which to enter arrivals confirmation, it returns to the screen on which to enter arrivals confirmation.

[0095]   When "registration" is selected in the screen on which to enter arrivals confirmation, the data is written onto a file via the WFL (Work File Area) 106.

[0096]   When the "end" is selected in the screen on which to enter arrivals confirmation, it returns to the menu screen. Fig. 11 is a homogeneity map for the above "delivery request list."

[0097]   111 is a menu screen on which "delivery request list" can be selected.

[0098]   112 is the W04 pallet for the screen (Fig. 6) on which to output the delivery request list, whereas 113 is its W02 pallet.

[0099]   When "print" is selected in the screen on which to output the delivery request list, the vouchers are output (printed) via the WFL (Work File Area) 114.

[0100]   When "execution" is selected in the screen on which to output the delivery request list, it returns to the screen on which to output the delivery request list.

[0101]   When "end" is selected in the screen on which to output the delivery request list, it returns to the menu screen.

[0102]   In the homogeneity map, as explained above, for example, if a certain screen has been determined, the process to be followed (such as display of screen, output of voucher, writing onto file, reading from file, operation) will be inevitably determined based on the contents of process of the screen (control words such as execution and registration), so that definitives such as screens are connected with lines in accordance with the above-mentioned contents of the process.

Determination of the file

[0103]   Necessary files are determined based on the homogeneity map made and the words determined. That is, a necessary file can be inevitably determined from the homogeneity map and the word. A determined file is described in the appropriate lace such as the dot-line box in the lower part outside the box of the homogeneity map.

[0104]   For example, in the W02 pallet indicated by the code 93 of Fig. 9, it is consequently known, from the homogeneity map and the words, that the following files are necessary:

Employee M (master file)
Name M
Customer Information F (file)
Department M
W03-S/F
Product List F.