clockwise direction. The controller **50** may also output a rotational clicking sound when the rotary casing **230** is returned to its original position to imitate the rotational clicking sound of antique rotary dial telephones. The user may also advantageously set the rotational speed of the rotary dial casing **230** using the appropriate menu options on the terminal.

[0043] Next, FIGS. **5**A-**5**E are overviews illustrating different stages of a dialing operation being performed on the terminal according to another embodiment of the present invention. FIGS. **5**A-**5**E are similar to FIGS. **4**A-**4**D, except that the user touches the soft key "3" and rotates the soft key "3" all the way to the stopper **240**, thus entering the command to perform a dialing operation of the number displayed in the inside area **250**.

[0044] In more detail, as shown in FIG. **5**A, the user first touches the soft key "3" and slides the key "3" clockwise towards the stopper **240**. Note that similar to FIG. **4**, the information related to the soft key "3" (which is previously stored in the memory **20**) is displayed in the inside area **250**. As shown in FIG. **5**B, the user slides the soft key "3" to the stopper **240**. Therefore, the controller **50** performs a dialing operation using the information displayed in the inside area **250**. The controller **50** also displays an icon **500** to inform the user the dialing operation is being performed. As discussed above, the controller **50** may also output a clicking sound to inform the user he or she has slid the soft key to the stopper **240**.

[0045] Alternatively, if the soft key "3" was not previously set as a speed dial key, the controller **50** would enter the number **3** as part of a number to be dialed. Further, as shown in the FIG. **5**A, the further the soft key is away from the stopper **240**, the more distance the user must slide the soft key.

[0046] FIG. **5**C is similar to FIG. **5**B, except that the controller **50** controls the vibrator **70** to vibrate when the user slides the soft key "3" to the position of the stopper **240** to inform the user that the soft key "3" has been successfully input. The controller **50** may also control the audio processor **60** to output a specific sound such as a ring tone. In addition, the intensity of the vibration or the type and volume of the ring tone may be advantageously set by the user using the appropriate menu options on the terminal.

[0047] FIG. **5**D illustrates the user releasing the soft key "3" and the rotary casing **230** rotating counterclockwise back to its original position. FIG. **5**E illustrates the rotary casing **230** being in its original position. As discussed previously with respect to FIG. **4**, the rotary casing **230** preferably rotates back to its original position at a faster speed than the user rotates rotary casing **230** clockwise when dialing. The speed of the counterclockwise rotation of the rotary casing **230** may also be set by the user.

[0048] Further, the speed of the counterclockwise rotation may be faster for soft keys that are farther away from the stopper. For example, the counterclockwise speed of the rotary casing **230** may be faster when the user dials the soft key "8" than when the user dials the soft key "3". In addition, the arrangement of the soft keys shown in the figures is only an example, and the arrangement of the soft keys may be inverted from that shown in the figures. For example, FIG. **6** illustrates such an inverted arrangement of the soft keys. The different arrangements of the soft keys may also be selected by the user using the appropriate menu options on the terminal. In FIG. **6**, the user would touch a particular soft key and rotate the rotary casing **230** in a counterclockwise direction to the stopper **240** to initiate a call to a phone number matched to the touched soft key.

[0049] As described above, the rotary dial casing **230** is rotated while the soft key is touched toward the stopper **240**. However, rather than the whole casing including all the soft keys being rotated, it is also possible that only the touched soft key is displayed as being rotated when the user touches and slides the soft key. FIGS. **7**A-**7**D illustrate this concept.

[0050] In more detail, FIG. **7**A illustrates the user touching the soft key "3" and FIG. **7**B illustrates the user rotating the soft key "3" clockwise towards the stopper **240**. Note that only the soft key "3" is rotated and the other soft keys on the rotary dial casing are not rotated. FIGS. **7**C and **7**D illustrate the user releasing the soft key "3" and the soft key "3" being rotated counterclockwise back to it original position. Further, rather than displaying the soft key "3" being rotated in the counterclockwise direction in FIG. **7**C, it is also possible to make the soft key "3" disappear from the screen when the user releases the soft key, and then reappear at its original position.

[0051] Next, FIGS. **8**A-**8**D illustrate all soft keys being rotated together with the touched and rotated (slide) soft key "3". That is, FIG. **8**A illustrates the user touching the soft key "3" and FIG. **8**B illustrates the user sliding (rotating) the soft key "3" in the clockwise direction to the stopper **240**. As shown in FIG. **8**B, all of the other soft keys (e.g., the soft keys "4", "5", "6", etc.) are also rotated together with the soft key "3". FIG. **8**C illustrates the user releasing the soft key "3" and FIG. **8**D illustrates the soft key "3" being returned to its original position.

[0052] A description of entering more than one number on terminal will now be given. As described with reference to FIGS. **3**-**4**D, when the user touches and slides one of the soft keys **210** and release the touched soft key **210** before reaching the stopper **240**, the controller **50** receives the number input corresponding to the touched number key, but does not perform the dialing operation. Thus, the user may continue to select additional soft keys **210** to enter more than one number. FIGS. **9**A-**9**E illustrate these features.

[0053] In more detail, in FIGS. **9**A-**9**E, it is assumed the user wants to dial a number that has been previously associated with the speed dial number "15". Therefore, as shown in FIG. **9**A, the user first touches the soft key "1" and the address information related to the speed dial key "1" is displayed in the inside area **250**. Note that it is possible to configure the controller **50** to receive the number corresponding to the touched key when the user merely touches the key, or alternatively, only when the user touches and slides the soft key (without actually sliding the touched soft key to the position of the stopper **240**).

[0054] Then, as shown in FIG. **9**B, the user touches the soft key "5", and the address information corresponding to the speed dial key "15" is displayed in the inside area **250**. Then, shown in FIG. **9**C, the user rotates the soft key "5" to the position of the stopper **240**, and the controller **50** performs the dialing operation for the speed dial key "15". The controller **50** also displays an icon **500** to inform the user that the dialing operation has been performed. FIGS. **9**D and **9**E illustrate the user releasing the soft key "15" and the soft key "15" being returned to its original position.

[0055] Further, the user can also enter a telephone number that is not stored in the memory **20** in a similar manner. For example, if the user wants to dial the phone number "202-888-1234", the user may sequentially input the numbers "2028881234" and slide the last number "4" to the stopper **240** to have the dialing operation performed. As the numbers are selected, the controller **50** displays each number in the inside area **250** so the user can see that the correct numbers have been successfully input. Alternatively, if the user does not touch any of the soft keys **210** for a predetermined amount