Fig. 2
APPLICATION SETUP DATA

APPLICATION TYPE 1: CALENDAR SETUP DATA
- Background Colors
- Screen Layout, Configurable Settings
- Flags (e.g., reminders on/off)

APPLICATION TYPE 2: ADDRESS BOOK SETUP DATA

APPLICATION TYPE 3: TASK SETUP DATA

APPLICATION TYPES N: E-MAIL, BROWSER, WORD PROCESSOR AND/OR SPREADSHEET SETUP DATA

APPLICATION END-PURPOSE DATA (OPTIONAL)

APPLICATION 1: CALENDAR END-PURPOSE DATA
- Calendar Entry Data
- Alarm Data
- Reminder Data
- Cross References to Other Data

APPLICATION 2: ADDRESS BOOK END-PURPOSE DATA
- Address Entries (e.g., Names, Addresses)
- Cross References

APPLICATION 3: TASK END-PURPOSE DATA

APPLICATION N: E-MAIL, BROWSER, WORDPROCESSOR AND/OR SPREADSHEET END-PURPOSE DATA
Fig. 5A

Source Application Settings Data
- Registry settings
- Data files
- Etc.

Application Specific Plugin 522

Synchronization Engine 524

Data Store Plugin 526

Data Store 530

Fig. 5B

540 Setup data from the application is retrieved (identified, located, accessed).

550 The setup data for the application is converted into a predetermined format (e.g., generic format).

560 The re-formatted data is synchronized.

570 The data is again re-formatted, if necessary, for storage.

580 The data is stored, after being transferred if a transfer is necessary to a data store via a network (e.g., the Internet, a LAN, etc.)
Fig. 6A

Destination Application Settings Data
- Registry settings
- Data files
- Etc.

Application Specific Plugin ----> Synchronization Engine ----> Data Store Plugin

Data Store for Incumbent/Supplanted Setup Data

Fig. 6B

Request made for application setup data incumbent as destination application.

The setup data for the application is accessed and converted into a predetermined format.

The setup data is returned to the requestor, generally in a hierarchical format (e.g., tree structure).

The synchronization engine stores the setup data in the data store for supplanted incumbent setup data.

The synchronization engine retrieves desired setup data to be loaded into the application.

The desired setup data is converted to an application-specific format appropriate for storage to the application.

The application-specific desired data is stored as application configuration data.
Fig. 7A

Destination Application Setup Data
- Registry settings
- Data files
- Etc.

Application Specific Plugin

Synchronization Engine

Server Plugin

Data Store For Incumbent Setup Data

Fig. 7B

Request made for current application setup data

The setup data for the application is accessed and converted into a predetermined format.

The setup data is returned to the requestor, generally in a hierarchical format (e.g., tree structure).

The synchronization engine finds the modifications made to the setup data while the setup data was loaded into the application as desired setup data and changes needed to synchronize the data with the corresponding desired setup data in data store 730 are detected.

The changes are used to modify the data on the data store for desired setup data.

The application's supplant setup data is accessed from the data store for incumbent setup data.

The supplant setup data is converted to an application-specific format for storage to the application.

The supplant setup data is stored as application configuration data, returning the application.