

**Digital commercial module for successful control of travel and memorial
worship service platform for ancestral tablets in space using cloud-based
software and hardware**

5 【TECHNICAL FIELD】

【0001】 The present invention relates to a digital commercial module, more specifically, a digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware.

10 【DESCRIPTION OF PRIOR ART】

【0002】 The three “A”s commonly known in the religious world are the declaration terms of three religions, namely Amen of Christianity, Allah of Islam, and Amitabha of Buddhism. These three religions all have ceremonies to worship ancestors, especially on three major holidays: New Year, Tomb Sweeping Day, and
15 Ghost Festival.

【0003】 No matter it is Christianity, Islam, Buddhism, Catholicism, or Taoism, worship of Gods and ancestors are common ceremonies of worship in these religious activities that are frequently held in a specific religious facility or at the home of a senior family member. However, for modern people who live their life in the fast
20 lane, it is difficult for an individual, not to mention a group of family members, to take time off from work and be present at the site personally to perform the ancestral worship. Furthermore, the average living space of a family is generally not large enough nowadays to set aside an individual room for keeping the statues of gods or

ancestral tablets. As a result, to perform the ceremony of worship becomes a laborious and inconvenient task. Thus, to provide a convenient and fast channel that is digitalized and eco-friendly for people to worship their ancestors becomes a necessity nowadays.

5 **【0004】** In recent years, many people decide to place ashes and tablets of their deceased family members and ancestors together in a columbarium pagoda. The expenses and management fees of using a columbarium pagoda are expensive and, in some facilities, with additional fees for important yearly worship dates, such as Luner New Year, Tome Sweeping Day, and Ghost Festival. The cumulative expense can be significant and sometimes reach a cost beyond affordable after a period of time.

10 **【SUMMARY】**

【0005】 The objective of the present invention is to provide a channel for worship that is unbound by space and time, and suitable for all religions.

【0006】 The secondary objective of the present invention is to provide a device using a digital method to keep the information of ancestral worship.

15 **【0007】** To achieve the aforementioned objectives, the present invention provides a digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware, which comprises an orbiting device, a communication device, and a viewing device.

20 **【0008】** The orbiting device orbits the earth and has an information memory unit, a positioning unit, and a broadcast unit therein.

【0009】 The communication device, which has two-way data communication to and from the orbiting device through wireless communication, has a registration

unit, an authentication unit, an addition and deletion unit that is electrically connected with the authentication unit, and a payment unit that is electrically connected with the registration unit and the authentication unit separately therein.

5 **【0010】** The viewing device is connected to the communication device through wired communication or wireless communication.

【0011】 The features of the digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware are as follows:

- 10 1. The information memory unit can store all the information of ancestors and release living descendants from the burden of recording detail information of ancestors. Furthermore, the effect of letting ancestral tablets to travel in the outer space and around the world can be fulfilled through the orbiting device.
- 15 2. Worship ceremonies can be carried out quickly using the 3C electronic products available nearby the users and the activities are no longer limited by time, space and method. In addition, the comprehensive digital method available for ancestral worship not only preserves the traditional culture but also achieve the cost saving partly and is eco-friendly without actually burning joss paper as offerings.
- 20 3. When everything about ancestors or deceased is stored in a digital form, the content can be updated at any time and information of deceased of each generation can be added when needed. Ceremonies of ancestral worship can be carried out at home or joined by other family members at the same location or different locations simultaneously. The expression of worship can be in

multiple forms using words and articles, music, silent prayers, chanting, and more.

4. The present invention has a brand new innovative digital concept and achieves earth sustainability in term of energy saving and carbon reduction which fully meets the required features of patentability of inventions of “creativity” and “non-obviousness”.
5. If a cloud management unit is authorized to conduct the aforementioned multi-function management, users only need to cover appropriate fees. When service is requested to add information of additional deceased and facts, or to retrieve relevant information for worship of ancestors or gods, it can be done by paying the appropriate fees. The payment methods include the convenient electronic payment.
6. With worship forms having features of digitalization, eco-friendliness, and convenience, the worship methods of the present invention are more convenient than the conventional methods. As a result, expressing respect and conducting worship ceremonies will be a more immense and perpetual feeling.

【BRIEF DESCRIPTION OF THE DRAWINGS】

【0012】

Fig. 1 : a schematic diagram of the digital commercial module for successful control of travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware of the present invention;

Fig. 2: a schematic diagram of the architecture of the communication device of the present invention;

Fig. 3: a schematic diagram of the embodiment (1) of the present invention;

Fig. 4: a schematic diagram of the embodiment (2) of the present invention;

Fig. 5: a schematic diagram of the embodiment (3) of the present invention;

Fig. 6: a schematic diagram of the embodiment (4) of the present invention;

5 Fig. 7: a schematic diagram of the embodiment (5) of the present invention;

【DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS】

10 **【0013】** To better understand the objectives, novel features and structure of the present invention and the effect thereof that can be achieved, detailed descriptions of the present invention are provided as follows, accompanied by diagrams and preferred embodiments.

【0014】 First, please refer to Fig. 1 and Fig. 2 together.

15 **【0015】** Fig. 1 is a schematic diagram of the digital commercial module for successful control of travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware of the present invention; Fig. 2 is a schematic diagram of the architecture of the communication device of the present invention.

20 **【0016】** The present invention relates to a digital commercial module for successful control of travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware 1, which comprises an orbiting device 11, a communication device 12, and a viewing device 13.

【0017】 The orbiting device 11 orbits the earth; the orbiting device 11 has therein an information memory unit 111 to record relevant information of ancestors, a positioning unit 112 that indicates the position of the orbiting device 11 at the time,

and a broadcast unit 113 for broadcasting religious sacred scriptures and music or various rituals, or chanting the scriptures. The orbiting device 11 is a satellite. Furthermore, the information memory unit 111 has a personalized annotation unit 1111 therein, wherein the personalized annotation unit 1111 allows family members to
5 respectively record additional life stories, videos, photographs of common ancestors when they were alive. Information stored in the personalized annotation unit 1111 only can be viewed by the individual who has created and input such information.

【0018】 The communication device 12 has two-way data transmission to and from the orbiting device 11 through wireless communication. The communication
10 device 12 has therein a registration unit 121, an authentication unit 122, an addition and deletion unit 123 that is electrically connected with the authentication unit 122, and a payment unit 124 that is electrically connected with the registration unit 121 and the authentication unit 122 separately. The authentication unit 122 is designed to only
15 be enabled by specific keys or passwords in order to prevent one's ancestor information from being viewed by irrelevant outsiders. The payment unit 124 accepts electronic payments that allow users to pay service fees or administrative fees quickly and conveniently.

【0019】 The viewing device 13 is connected to the communication unit 12 through wired communication or wireless communication; the viewing device 13 is a
20 3C electronic product.

【0020】 Detailed descriptions of the embodiments accompanied by the drawings of the present invention are provided as follows:

【0021】 Please refer to Fig. 3 to Fig. 7 simultaneously along with Fig. 1 and Fig. 2.

【0022】 Fig. 3 is a schematic diagram of the embodiment (1) of the present invention; Fig. 4 is a schematic diagram of the embodiment (2) of the present invention; Fig. 5 is a schematic diagram of the embodiment (3) of the present invention; Fig. 6 is a schematic diagram of the embodiment (4) of the present invention; Fig. 7 is a schematic diagram of the embodiment (5) of the present invention.

【0023】 Users who prefer to use the present invention can use the 3C electronic products available in hand to connect to the communication unit 12, register to the present invention through the registration unit 121. The registration unit 121 will require the user to fill out relevant information of the ancestors that will be stored in the platform, then create a digital genealogy for the user's family. At the same time, the user can select whether to upload images or videos of the ancestors, and choose the religious form for worship services (for example, Buddhism, Taoism, Christianity, Catholicism, Islam, etc.)

【0024】 Next, the registration unit 121 will display different subscription plans for the user to choose. Once the user selects the preferred subscription plan, the registration unit 121 will guide the user to the payment unit 124 to submit the corresponding payment of the subscription plan. Upon the completion of the payment transaction by the user, the present invention will issue the user a set of exclusive user keys or passwords. After receiving the user keys or passwords, the user can share the user keys or passwords with other family members who can apply such user key or password to perform online memorial worship ceremonies.

【0025】 Furthermore, when conducting the worship ceremony in the future, the user only needs to connect to the communication unit 12 through the 3C electronic product available at home, enters the user key or password to the authentication unit 122, and begins the worship activity. The present invention allows users to perform the worship ceremony without being bound by the specific time, location, and space, thus to increase the convenience of engaging the worship activities. During the worship ceremony, the user is able to view whether other family members are performing or have completed performed the worship ceremonies. Users can access the information to know which air space of the country that the orbiting device 11 is in at the time through the positioning unit in order to fulfill the actual effect of offering ancestors to travel the globe. Users can pay additional fees through the payment unit 124 during the worship ceremony to enable the broadcast unit 113 to play selected sacred scriptures and religious music or, ancestors' favorite videos, music and photographs. Charges of the payment unit 124 are calculated based on the number of replay, or duration of reply (length of time, in second), or number of photographs used. In addition, if the user prefers additional items of burning incense, burning ghost paper, casting moon blocks, offering tea, presenting offering, the user can submit the corresponding payments through the payment unit 124 after completing the selections and quantity thereof. Upon the completion of the payment transaction by the user, the selected items will be displayed in a digital form and the user does not need to prepare offering items anymore. The comprehensive digital method for ancestral worship not only reduces the volume of actually burning incense and ghost paper but also makes the worship process to be much eco-friendly.

【0026】 If a married couple has different religions, during the worship activity, the husband and wife can choose a worship service of their own respective religions separately (for example, the husband selects the worship service of Christianity; the wife chooses the worship service of Buddhism). Therefore, both the husband and the wife can proceed to complete the worship service according to their respective religions at the same time or different schedules. For the present invention, the feature is simply a process of allowing users to enable multiple religion forms of services to worship the same ancestors simultaneously, and generates further revenues for the present invention.

【0027】 In addition, when the user needs to add or delete ancestor information stored in the information memory unit 111, the user can do so through the addition and deletion unit 123. The present invention will charge a process fee based on the volume of information that has been modified through the payment unit 124.

【0028】 In summary, the advantages of the digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware 1 of the present invention are as follows:

1. The information memory unit 111 can record all ancestor information and release living descendants from the burden of recording detail information of ancestors. Furthermore, the effect of letting ancestral tablets to travel in the outer space and around the world can be fulfilled through the orbiting device 11.
2. Worship ceremonies can be carried out quickly using the 3C electronic products available nearby the users and the activities are no longer limited by time, space and

method. In addition, the comprehensive digital method available for ancestral worship not only preserves the traditional culture but also achieve the cost saving partly and is eco-friendly without actually burning joss paper as offerings.

3. When information about ancestors or deceased family members is stored in a digital form, the content can be updated at any time and information of deceased of each generation can be added when needed. Ceremonies of ancestral worship can be carried out at home or joined by other family members at the same location or different locations simultaneously. The expression of worship can be in multiple forms using words and articles, music, silent prayers, chanting, and many more other methods.
4. The present invention has a brand new innovative digital concept and achieves earth sustainability in term of energy saving and carbon reduction which fully meets the required features of patentability of inventions of “creativity” and “non-obviousness”.
5. If a cloud management unit is authorized to conduct the aforementioned multi-function management, users only need to cover appropriate fees. When service is requested to add information of additional deceased and facts, or to retrieve relevant information for worship of ancestors or gods, it can be done by paying the appropriate fees. The payment methods include the convenient electronic payment.
6. With worship forms having features of digitalization, eco-friendliness, and convenience, the worship methods of the present invention are more convenient than the conventional methods. As a result, expressing respect and conducting ancestral worship will be a more immense and perpetual feeling.

【COMPONENT SYMBOL】

【0029】

- 1 digital commercial module for successful control of the travel and memorial
worship service platform for ancestral tablets in space using cloud-based software
- 5 and hardware
- 11 orbiting device
- 111 information memory unit
- 1111 personalized annotation unit
- 112 positioning unit
- 10 113 broadcast unit
- 12 communication device
- 121 registration unit
- 122 authentication unit
- 123 addition and deletion unit
- 15 124 payment unit
- 13 viewing device

CLAIMS

What is claimed is:

- 5 1. A digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware, comprising an orbiting device, a communication device, and a viewing device, wherein
the orbiting device orbits the earth and the orbiting device has therein an
10 information memory unit, a positioning unit, and a broadcast unit;
the communication device has two-way data transmission to and from the orbiting device through wireless communication; the communication device has therein a registration unit, an authentication unit, an addition and deletion unit that is electrically connected with the authentication unit, and a payment unit that is
15 electrically connected with the registration unit and the authentication unit separately;
the viewing device is connected to the communication unit.
2. The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software
20 and hardware as claimed in claim 1, wherein the orbiting device is a satellite.
3. The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware as claimed in claim 1, wherein the information memory unit has a personalized annotation unit therein.

- 4 . The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware as claimed in claim 1, wherein the authentication unit is designed to only be enabled by specific keys or passwords.
- 5 5 . The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware as claimed in claim 1, wherein the viewing device is connected to the communication unit through wired communication.
- 10 6 . The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware as claimed in claim 1, wherein the viewing device is connected to the communication unit through wireless communication.
- 15 7. The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware as claimed in claim 1, wherein the payment unit adopts electronic payments.
- 20 8. The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware as claimed in claim 1, wherein charges of the payment unit are calculated based on the number of replay or duration of reply (length of time, in second) of the selected sacred scriptures, religious music, videos, and music.
9. The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software

and hardware as claimed in claim 1, wherein charges of the payment unit are calculated based on the number of selected photographs displayed.

- 5 10. The digital commercial module for successful control of the travel and memorial worship service platform for ancestral tablets in space using cloud-based software and hardware as claimed in claim 1, wherein the viewing device is a 3C electronic product.