

CLAIMS

What is claimed is:

1. A computing device comprising a display screen, the computing device being configured to dynamically display a specific, structured interactive animated conversational graphical interface paired with a prescribed functionality directly related to the interactive graphical user interface's structure.
2. The computing device of claim 1, being any form of a computing device, including a personal computer, laptop, tablet, or mobile device.
3. The computing device of claim 1, where upon initiation, a user is provided one or more options to select a desired method for data entry, including voice, type, touch or combinations thereof without having to switch back and forth.
4. The computing device of claim 1, further comprising a real-time updated user interface capable of displaying a plurality of user entries within a web browser based dialogue box.
5. The computing device of claim 1, further comprising user provided data being immediately validated based on characteristics defined within the specific, structured interactive animated conversational graphical interface.

6. The computing device of claim 1, further comprising user provided data being further validated against external data stored in a cloud-based database.
7. The computing device of claim 1, further comprising a user's provision of valid data allowing for the user's progression to a next item within a form.
8. The computing device of claim 1, further comprising a user providing invalid data resulting in the computing device not allowing the user to progress to a next item within the form.
9. The computing device of claim 1, further comprising the specific, structured interactive animated conversational graphical interface completing and updating a database entry.
10. The computing device of claim 9, further comprising forms being immediately transmitted to cloud-based storage upon completion of all data input.
11. The computing device of claim 10, further comprising previous entries being updated based on new user input.
12. The computing device of claim 1, further comprising the specific, structured interactive animated conversational graphical interface converting text data to voice data for storage and for use in human conversation.

13. The computing device of claim 1, further comprising the specific,
structured interactive animated conversational graphical interface
converting response data to audio files using cloud-based text-to-
speech solutions capable of being integrated into a web browser based
avatar.
14. The computing device of claim 13, further comprising the converted audio
files being transmitted to cloud-based storage for retention and later
use.
15. The computing device of claim 1, further comprising the specific,
structured interactive animated conversational graphical interface
including a virtual avatar for providing guidance and feedback to a
user during utilization of the specific, structured interactive animated
conversational graphical interface.
16. The computing device of claim 1, further comprising the specific,
structured interactive animated conversational graphical interface
displaying an ECI avatar within a web browser.
17. The computing device of claim 16, further comprising the ECI avatar
providing step-by-step verbal instructions to a user.
18. The computing device of claim 17, further comprising the step-by-step
verbal instructions being converted to text displayed within the web
browser in real-time.

19. The computing device of claim 18, further comprising the user making
form related inquiries of the ECI avatar for clarification.