WHAT IS CLAIMED IS:

1. A method for use with an animal subject having a brain that includes a region that is responsible for forming concepts without sensory input, the method comprising:

receiving, by a processing subsystem in communication with the region of the brain, brain signals representative of a concept formed by the region of the brain without sensory input;

processing, by the processing subsystem, the received brain signals so as to convert the concept to computer readable data that is representative of a tangible form of the concept; and

identifying, by the processing subsystem, a data record associated with one or more data elements of the computer readable data, the data record also associated with a real-world object that is related to the concept.

2. The method of claim 1, wherein the real-world object is an electronic device.

3. The method of claim 1, further comprising: initiating at least one responsive action according to the identified data record.

4. The method of claim 3, wherein the at least one responsive action includes activating or controlling the real-world object.

5. The method of claim 3, further comprising: providing feedback to a sensory system of the subject in response to success or failure of initiating the at least one responsive action.

6. The method of claim 3, further comprising: providing feedback to the subject by: i) processing, by the processing subsystem, feedback data indicative of success or failure of initiating the at least one responsive action so as to convert the feedback data into one or more brain signals, and ii) providing the one or more brain signals to the region of the brain such that the success or failure of initiating the at least one responsive action is formed as a concept by the region of the brain without sensory input.

7. The method of claim 3, wherein the at least one responsive action is selected from a plurality of responsive actions, each responsive action of the plurality of responsive actions being associated with a corresponding data record of a plurality of data records, wherein each data record of the plurality of data records is associated with a corresponding one or more elements of the computer readable data.

8. The method of claim 1, wherein the real-world object is one of a plurality of real-world objects and the data record is one of a plurality of data records, wherein the plurality of data records

is comprised of a plurality of subsets of data records, and wherein each subset is associated with a corresponding real-world object of the plurality of real-world objects.

9. The method of claim 1, wherein the concept is a mental image or a non-acoustic sound.

10. The method of claim 1, wherein the computer readable data is image data or audio data.

11. A system for use with an animal subject having a brain that includes a region that is responsible for forming concepts without sensory input, the system comprising:

a processing subsystem configured for communicating with the region of the brain, the processing subsystem configured to:

receive brain signals representative of a concept formed by the region of the brain without sensory input,

process the received brain signals so as to convert the concept to computer readable data that is representative of a tangible form of the concept, and

identify a data record associated with one or more data elements of the computer readable data, the data record also associated with a real-world object that is related to the concept.

12. The system of claim 11, wherein the real-world object includes an electronic device.

13. The system of claim 11, wherein the processing subsystem is further configured to: initiate at least one responsive action according to the identified data record.

14. The system of claim 13, wherein the at least one responsive action includes activating or controlling the real-world object.

15. The system of claim 13, wherein the at least one responsive action is selected from a plurality of responsive actions, each responsive action of the plurality of responsive actions being associated with a corresponding data record of a plurality of data records, wherein each data record of the plurality of data records is associated with a corresponding one or more elements of the computer readable data.

16. The system of claim 11, wherein the real-world object is one of a plurality of real-world objects and the data record is one of a plurality of data records, the system further comprising: at least one storage medium in communication with the processing subsystem for maintaining the plurality of data records, wherein the plurality of data records is comprised of a plurality of subsets of data records, wherein each subset is associated with a corresponding real-world object of the plurality of real-world objects.

17. The system of claim 11, wherein the concept is a mental image or a non-acoustic sound.

18. The system of claim 11, wherein the computer readable data is image data or audio data.

19. A method for use with an animal subject having a brain that includes a region that is responsible for forming concepts without sensory input, the method comprising:

receiving, by a processing subsystem in communication with the region of the brain, brain signals representative of a concept formed by the region of the brain without sensory input;

processing, by the processing subsystem, the received brain signals so as to convert the concept to computer readable data that is representative of a tangible form of the concept; and

activating or controlling a real-world object that is related to the concept and that is associated with one or more data elements of the computer readable data.