

CLAIMS:

1. An attraction system, comprising:
 - a fluid source configured to emit a fluid stream with a geometry that facilitates internal reflection;
 - a transmitter configured to transmit a signal through the fluid stream such that the signal is enclosed in the fluid stream via the internal reflection, wherein the signal comprises a parameter;
 - a sensor configured to receive the signal via the fluid stream and provide data indicative of the parameter; and
 - a control system communicatively coupled to the sensor, wherein the control system comprises a processor and a memory, wherein the memory comprises instructions that cause the processor to:
 - receive the data indicative of the parameter from the sensor; and
 - operate the attraction system based on the parameter.
2. The attraction system of claim 1, comprising a target configured to receive the fluid stream emitted by the fluid source, wherein the target comprises the sensor.
3. The attraction system of claim 2, wherein the fluid source comprises the transmitter.
4. The attraction system of claim 1, wherein the control system is communicatively coupled to a database of the attraction system, and the control system is configured to update the database based on the parameter.
5. The attraction system of claim 1, wherein the parameter comprises a unique identifier associated with the fluid source.

6. The attraction system of claim 5, wherein the memory comprises instructions that cause the processor to determine the unique identifier by decoding the data indicative of the parameter.

7. The attraction system of claim 1, wherein the control system is configured to operate the attraction system based on not receiving appropriate data from the sensor.

8. The attraction system of claim 7, wherein the fluid source comprises an actuator, and the control system is configured to activate the actuator to move the fluid source in response to not receiving the appropriate data from the sensor.

9. A fluid system, comprising:
a fluid source configured to emit a fluid stream having a geometry that facilitates internal reflection;
a target configured to receive the fluid stream emitted by the fluid source;
a transmitter configured to transmit a signal into the fluid stream such that the signal travels through the fluid stream via the internal reflection, wherein the signal comprises a parameter;
a sensor configured to receive the signal via the fluid stream, wherein the sensor is configured to transmit data based on the signal; and
a control system communicatively coupled to the sensor, wherein the control system comprises a processor and a memory, wherein the memory comprises instructions that cause the processor to:
receive the transmitted data from the sensor;
determine the parameter based on the transmitted data; and
operate the fluid system based on the parameter.

10. The fluid system of claim 9, wherein the target comprises the transmitter, and the fluid source comprises the sensor.

11. The fluid system of claim 10, comprising an additional target configured to receive the fluid stream emitted by the fluid source, wherein the additional target comprises an additional transmitter configured to transmit an additional signal through the fluid stream via the internal reflection, wherein the additional signal comprises an additional parameter, wherein the sensor is configured to receive the additional signal via the fluid stream, and wherein the control system is configured to:

- receive the additional signal from the sensor;
- determine the additional parameter from the additional signal; and
- operate the fluid system based on the additional parameter of the additional signal.

12. The fluid system of claim 11, comprising a database accessible by the control system, wherein the database is configured to store a user profile associated with the fluid source, and the control system is configured to:

- update the user profile based on the parameter in response to receiving the transmitted data from the sensor;
- update the user profile based on the additional parameter in response to receiving the additional signal from the sensor; or
- both.

13. The fluid system of claim 9, wherein the memory comprises instructions that cause the processor to identify the fluid source from a plurality of fluid sources based on the parameter.

14. The fluid system of claim 9, wherein the fluid source and the target each comprise a respective actuator, and the control system is configured to activate the actuator of the fluid source to move the fluid source, activate the actuator of the target to move the target, or both, based on the parameter.

15. An attraction system, comprising:
- a first fluid source configured to emit a first fluid stream capable of internal reflection;
 - a first transmitter configured to transmit a first signal having a first parameter through the first fluid stream via the internal reflection;
 - a second fluid source configured to emit a second fluid stream capable of internal reflection;
 - a second transmitter configured to transmit a second signal having a second parameter through the second fluid stream via the internal reflection;
 - a target comprising a first sensor configured to receive signals including the first signal through the first fluid stream and the second signal through the second fluid stream; and
 - a control system communicatively coupled to the first sensor, wherein the control system comprises a processor and a memory, wherein the memory comprises instructions that cause the processor to:
 - receive data from the first sensor, wherein the data is indicative of a received parameter of a received signal;
 - identify the first fluid source when the received parameter correlates to the first parameter; and
 - identify the second fluid source when the received parameter correlates to the second parameter.

16. The attraction system of claim 15, wherein the control system is configured to provide an indication of a successful target strike based on the received parameter correlating to the first parameter or the second parameter.

17. The attraction system of claim 15, comprising a database accessible by the control system, wherein the database is configured to store a plurality of user profiles,

wherein each user profile of the plurality of user profiles is associated with a fluid source of a plurality of fluid sources, and wherein the control system is configured to:

identify and update a first user profile associated with the first fluid source in response to identifying the first fluid source when the received parameter correlates to the first parameter; and

identify and update a second user profile associated with the second fluid source in response to identifying the second fluid source when the received parameter correlates to the second parameter.

18. The attraction system of claim 17, wherein the target comprises a third transmitter configured to transmit a third signal through the first fluid stream and/or the second fluid stream, wherein the third signal is indicative of a third parameter, wherein the first fluid source comprises a second sensor configured to receive the third signal through the first fluid stream, and the second fluid source comprises a third sensor configured to receive the third signal through the second fluid stream.

19. The attraction system of claim 18, wherein the control system is configured to:

receive additional data from the first sensor and/or the second sensor, wherein the additional data is indicative of the third parameter of the third signal;

update the first user profile based on the third parameter in response to identifying the first fluid source when the received parameter correlates to the first parameter; and

update the second user profile based on the third parameter in response to identifying the second fluid source when the received parameter correlates to the second parameter.

20. The attraction system of claim 15, wherein the first parameter includes a first visible light wavelength, and the second parameter includes a second visible light wavelength.