CLAIMS:

1. A system, comprising:

an animated figure;

a set of tubes disposed in a portion of the animated figure;

at least one membrane that defines at least one chamber, the at least one chamber disposed about at least one tube of the set of tubes;

a first pump fluidly coupled to the at least one tube, the first pump configured to inflate the at least one tube, deflate the at least one tube, or a combination thereof; and

a second pump fluidly coupled to the at least one chamber, the second pump configured to inflate the at least one chamber, deflate the at least one chamber, or a combination thereof,

wherein a contour of the at least one tube is configured to be visible at an exterior surface of the portion of the animated figure in response to an inflation of the at least one tube, a deflation of the at least one chamber, or a combination thereof.

2. The system of claim 1, wherein the at least one tube comprises the set of tubes, and the at least one tube is configured to appear from beneath the at least one chamber at the exterior surface in response to the inflation of the at least one tube, the deflation of the at least one chamber, or the combination thereof.

3. The system of claim 1, wherein the at least one tube is configured to actuate independently of one or more remaining tubes of the set of tubes.

4. The system of claim 1, wherein the at least one chamber, the at least one tube, or a combination thereof is coupled to an actuator configured to produce a movement of an external portion of the animated figure.

5. The system of claim 1, wherein the at least one chamber comprises a set of chambers, and the system comprises:

a first manifold fluidly coupled to the first pump and the at least one tube;

a second manifold fluidly coupled to the second pump and the at least one chamber; or

a combination thereof.

6. The system of claim 5, wherein the at least one chamber is configured to actuate independently of one or more remaining chambers of the set of chambers.

7. The system of claim 1, wherein the at least one chamber, the at least one tube, or a combination thereof is configured to be inflated with a gas.

8. The system of claim 1, wherein the at least one chamber, the at least one tube, or a combination thereof is configured to be inflated with a hydraulic fluid.

9. The system of claim 1, wherein the portion of the animated figure comprises a neck portion.

10. A system, comprising:

an animated figure;

at least one tube disposed in a portion of the animated figure;

at least one membrane that defines at least one chamber disposed about the at least one tube;

a first pump system fluidly coupled to the at least one tube, the first pump system configured to inflate the at least one tube, deflate the at least one tube, or a combination thereof;

a second pump system fluidly coupled to the at least one chamber, the second pump system configured to inflate the at least one chamber, deflate the at least one chamber, or a combination thereof; and

a control system, comprising:

a memory configured to store instructions; and

one or more processors configured to execute the instructions to control the first pump system, the second pump system, or a combination thereof,

wherein a contour of the at least one tube is configured to be visible at an exterior surface of the portion of the animated figure in response to an inflation of the at least one tube, a deflation of the at least one chamber, or a combination thereof.

11. The system of claim 10, wherein the at least one tube is configured to appear from beneath the at least one chamber at the exterior surface in response to the inflation of the at least one tube, the deflation of the at least one chamber, or the combination thereof.

12. The system of claim 10, wherein:

each tube of the at least one tube is configured to expand in response to a first operation of the first pump system, and

each chamber of the at least one chamber is configured to expand, via the at least one membrane, in response to a second operation of the second pump system.

13. The system of claim 10, wherein the one or more processors are configured to:

receive one or more images from a camera, wherein the one or more images are indicative of an effect of a corresponding portion of an actor; and

generate the instructions comprising commanded states associated with the at least one tube, the at least one chamber, or a combination thereof, based on the one or more images.

14. The system of claim 10, wherein the at least one tube comprises a set of tubes and the at least one chamber comprises a set of chambers, wherein the one or more processors are configured to execute the instructions to:

control a first pump, a first manifold, and/or a first set of valves of the first pump system; and

control a second pump, a second manifold, and/or a second set of valves of the second pump system.

15. The system of claim 10, wherein the at least one tube comprises a set of tubes and the at least one chamber comprises a set of chambers, wherein the one or more processors are configured to execute the instructions to control the first pump system and the second pump system in a coordinated manner to:

at a first time, concurrently cause a first tube of the set of tubes to expand and a first chamber of the set of chambers to deflate, wherein the first chamber is disposed about the first tube; and

at a second time, concurrently cause a second tube of the set of tubes to expand and a second chamber of the set of chambers to deflate, wherein the second chamber is disposed about the second tube.

16. A method for providing an effect for a portion of an animated figure, the method comprising:

receiving, via a processor, instructions for adding the effect to the portion of the animated figure;

controlling, via the processor, a first pump system to inflate at least one tube disposed in the portion based on the instructions; and

controlling, via the processor, a second pump system to deflate at least one chamber disposed about the at least one tube based on the instructions,

wherein controlling, via the processor, the first pump system to inflate the at least one tube, the second pump system to deflate the at least one chamber, or a combination thereof causes a contour of the at least one tube to be visible at an exterior surface of the portion of the animated figure.

17. The method of claim 16, comprising:

receiving, via the processor, the instructions comprising first commanded states associated with the at least one tube, the at least one chamber, or a combination thereof; and

controlling, via the processor, the first pump system, the second pump system, or a combination thereof based on the instructions.

18. The method of claim 17, comprising:

receiving, via the processor, sensor data from one or more sensors associated with the first pump system and the second pump system;

receiving, via the processor, the instructions comprising second commanded states associated with the first pump system, the second pump system, or a combination thereof;

receiving, via the processor, sensor data from one or more sensors associated with the first pump system, the second pump system, or a combination thereof; and

controlling, via the processor, the first pump system and the second pump system, or a combination thereof based on the instructions and the sensor data.

19. The method of claim 17, wherein the portion of the animated figure comprises a set of tubes and a set of chambers, the set of tubes comprises the at least one tube, the set of chambers comprises the at least one chamber, and controlling the first pump system, the_second pump system, or the combination thereof based on the instructions comprises:

controlling, via the processor, an inflation of the at least one tube independently of remaining tubes of the set of tubes;

controlling, via the processor, a deflation of the at least one chamber independently of remaining chambers of the set of chambers; or

a combination thereof.

20. The method of claim 16, comprising:

controlling, via the processor, the first pump system to adjust the at least one tube; and

controlling, via the processor, the second pump system to adjust the at least one chamber disposed about the at least one tube in a coordinated manner based on the instructions to mimic changes in anatomical features in the portion of the animated figure during a performance of the animated figure.