CLAIMS

1. A miniature golf hole, comprising:

a tee surface on which a golf ball is set for an initial stroke;

a hole surface;

one or more putting cups positioned along the hole surface;

a spinning wheel that defines cavities arranged circumferentially about the spinning wheel in a side-by-side manner, wherein each of the cavities is partially defined by a respective cavity surface along which the golf ball is capable of traveling upon entering the respective cavity, wherein the respective cavity surface of each of the cavities of the spinning wheel defines one or more cavity openings through which the golf ball is capable of traveling upon entering the respective cavity, wherein the respective one or more cavity openings of each of the cavities are positioned at a radial distance along the spinning wheel that is different to that of the respective one or more cavity openings of the other of the cavities;

a ramp positioned between the tee surface and the spinning wheel to direct the golf ball onto the spinning wheel;

a transfer panel that is stationary and positioned below the spinning wheel, wherein the transfer panel includes concentric rings, wherein each of the concentric rings of the transfer panel aligns vertically with the one or more cavity openings of a respective one of the cavities of the spinning wheel to receive the golf ball from the respective cavity;

sensors configured to detect through which of the cavities the golf ball has traveled; and

a first channel configured to transfer the golf ball from the transfer panel and onto the hole surface.

2. The miniature golf hole of claim 1, wherein each of the spinning wheel and the transfer panel is positioned in a non-vertical and non-horizontal orientation.

3. The miniature golf hole of claim 1, wherein the spinning wheel includes radial walls that separate the cavities from each other, and wherein the radial walls are arranged in a spoke formation such that each of the cavities is substantially wedged-shaped.

4. The miniature golf hole of claim 3, wherein each of the radial walls defines a portion of an upper surface of the spinning wheel, wherein the spinning wheel defines a center opening at a center axis of the spinning wheel, and wherein the spinning wheel is configured such that the golf ball is capable of traveling onto the upper surface, along one of the radial walls, and into the center opening.

5. The miniature golf hole of claim 4, further comprising, a second channel configured to transfer the golf ball from the center opening and into one of the one or more putting cups.

6. The miniature golf hole of claim 1, further comprising a sensor assembly that includes the sensors and is positioned below the transfer panel, wherein each of the sensors is positioned adjacent a respective one of the concentric rings of the transfer panel such that the sensors are configured to detect through which of the cavities the golf ball has traveled.

7. An assembly for a rotating surface of a miniature golf hole, the assembly comprising:

a spinning wheel that defines cavities arranged circumferentially about the spinning wheel in a side-by-side manner, wherein each of the cavities is partially defined by a respective recessed surface along which a golf ball is capable of traveling upon entering the respective cavity, wherein the respective recessed surface of each of the cavities of the spinning wheel defines one or more recessed openings through which the golf ball is capable of traveling upon entering the respective cavity, wherein the respective one or more recessed openings of each of

the cavities are positioned at a radial distance along the spinning wheel that is different to that of the respective one or more recessed openings of the other of the cavities;

a motor configured to drive rotation of the spinning wheel;

a transfer panel that is stationary and positioned below the spinning wheel, wherein the transfer panel includes concentric rings, wherein each of the concentric rings of the transfer panel aligns vertically with the one or more recessed openings of a respective one of the cavities of the spinning wheel to receive the golf ball from the respective cavity;

sensors configured to detect through which of the cavities the golf ball has traveled; and

a first channel configured to transfer the golf ball from the transfer panel and onto a putting surface.

8. The assembly of claim 7, wherein, for each of one or more of the cavities, the spinning wheel includes one or more sloped inserts that are positioned along the recessed surface to guide the golf ball into one of the one or more recessed openings as the spinning wheel rotates.

9. The assembly of claim 7, wherein the spinning wheel includes radial walls that separate the cavities from each other, and wherein the radial walls are arranged in a spoke formation such that each of the cavities is substantially wedged-shaped.

10. The assembly of claim 9, wherein each of the radial walls defines a portion of an upper surface of the spinning wheel, wherein the spinning wheel defines a center opening at a center axis of the spinning wheel, and wherein the spinning wheel is configured such that the golf ball is capable of traveling onto the upper surface, along one of the radial walls, and into the center opening.

11. The assembly of claim 7, wherein the transfer panel is positioned in a non-horizontal and non-vertical orientation, and wherein each of the concentric rings defines a ring opening through which the golf ball is capable of traveling to the first channel.

12. The assembly of claim 11, further comprising a sensor assembly that includes the sensors, defines sensor openings for the golf ball, and is positioned below the transfer panel, wherein each of the sensors is positioned adjacent to a respective one of the ring openings, and wherein the first channel is positioned below each of the sensor openings to receive the golf ball.

13. The assembly of claim 12, wherein each of the concentric rings is aligned vertically with a respective one of the cavities and each of the sensor openings is aligned vertically with a respective one of the cavities such that that the sensors are configured to detect through which of the cavities the golf ball has traveled.

14. The assembly of claim 12, further comprising a housing to which the sensor assembly is fixed such that none of the sensors are positioned on the spinning wheel.

15. The assembly of claim 7, wherein, for each of the cavities, the one or more recessed openings includes a set of holes positioned on opposing sides of the respective cavity.

16. The assembly of claim 7, wherein each of the cavities is defined by the respective recessed surface, a respective inner-radial surface, a respective outer-radial surface, and respective opposing side surfaces of the spinning wheel.

17. The assembly of claim 16, wherein the cavities include a first cavity with the one or more recessed openings of the first cavity positioned along the outer-radial surface of the first cavity.

18. The assembly of claim 16, wherein the cavities include a second cavity with the one or more recessed openings of the second cavity positioned along the inner-radial surface of the second cavity, wherein the recessed surface of the second cavity is a sloped surface that slopes

downward from the outer-radial surface and toward the inner-radial surface of the second cavity to guide the golf ball into one of the one or more recessed openings of the second cavity as the spinning wheel rotates.

19. The assembly of claim 16, wherein the cavities include a third cavity with the one or more recessed openings of the third cavity positioned radially between the inner-radial surface and the outer-radial surface of the third cavity, wherein the recessed surface of the third cavity includes a sloped insert that slopes downward from the outer-radial surface and to the one or more recessed openings of the third cavity to guide the golf ball into one of the one or more recessed openings of the third cavity as the spinning wheel rotates.

20. The assembly of claim 16, wherein the cavities include a fourth cavity with the one or more recessed openings of the fourth cavity positioned radially between the inner-radial surface and the outer-radial surface of the fourth cavity, wherein the recessed surface of the fourth cavity includes sloped inserts each of which slopes downward from a respective outer-radial corner of the fourth cavity and to a respective one of the one or more recessed openings of the fourth cavity to guide the golf ball into one of the one or more recessed openings of the fourth cavity as the spinning wheel rotates.