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Wong

(54) **ROTARY CLIP HEAD AND ANGLE PLATE WITH PUTTING GREEN SLOPE READING TOOL**

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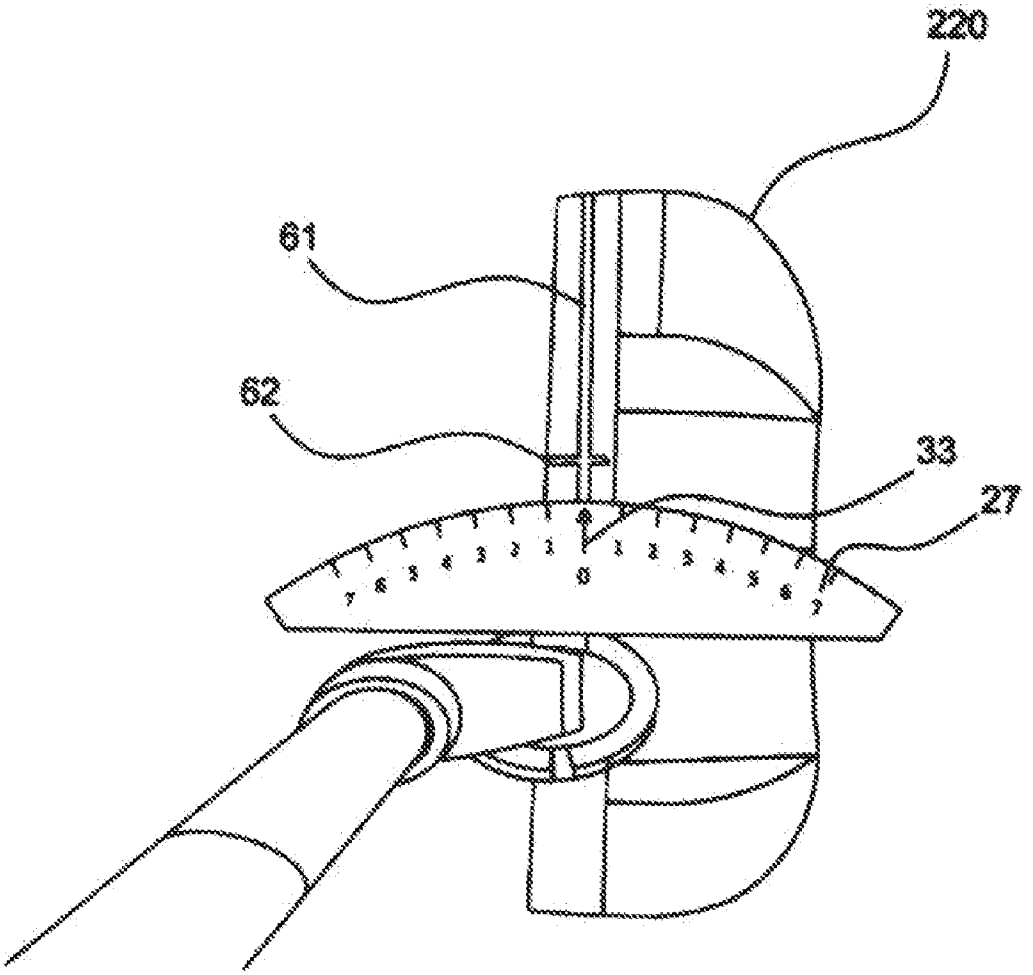
CPC ***A63B 69/3685*** (2013.01); *A63B 2069/3602* (2013.01); *A63B 2220/18* (2013.01)

(57) **ABSTRACT**

The combination set of tools comprising a slope reading tool and rotary clip head and angle plate is designed to build putting confidence and shave strokes off every golfer's game. The slope reading tool is a high accuracy "bubble level" device that provides actual slope angle around the golf cup to give golfer a quick and accurate reading of the green's contours. The set of rotary clip head and angle plate which is attached to the putter shaft can be rotated to the angle indicated on the slope reading tool to make the adjustment to achieve a more accurate putting. This combination set is intended to help golfers on putts with subtle or confusing breaks and works best on putts within 12 feet of the hole.



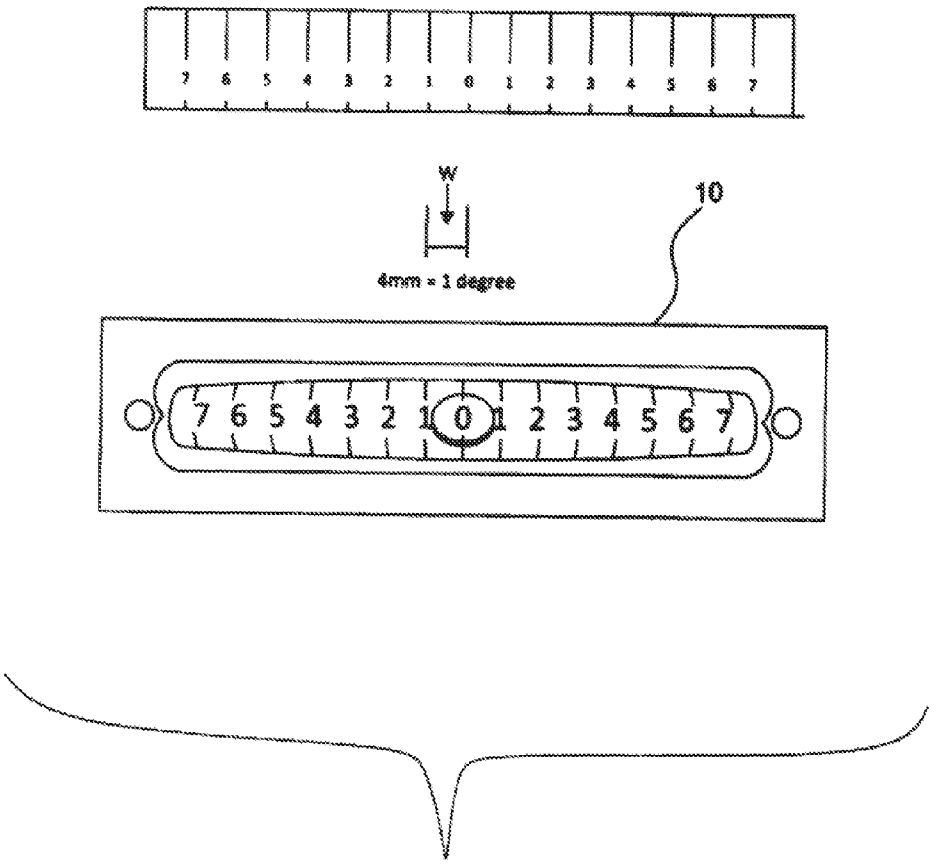


FIG. 1

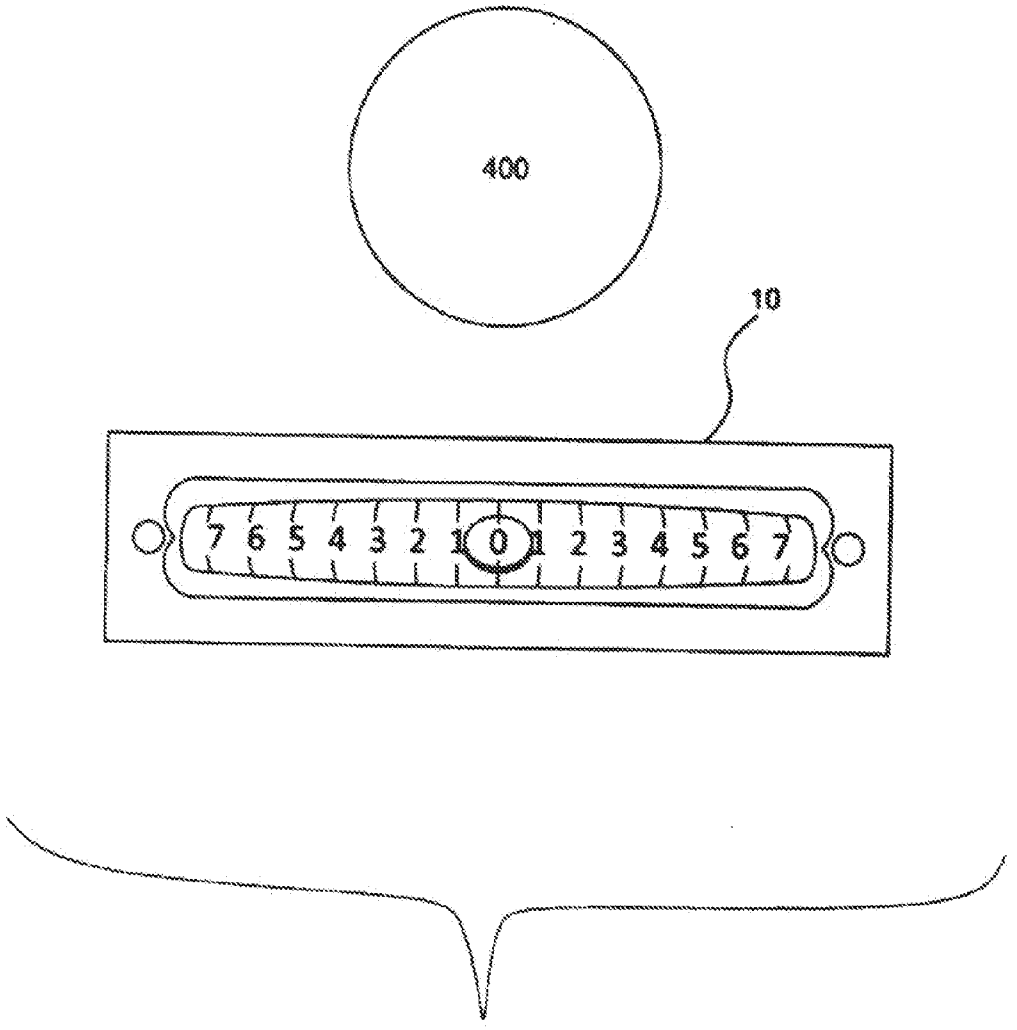


FIG. 2

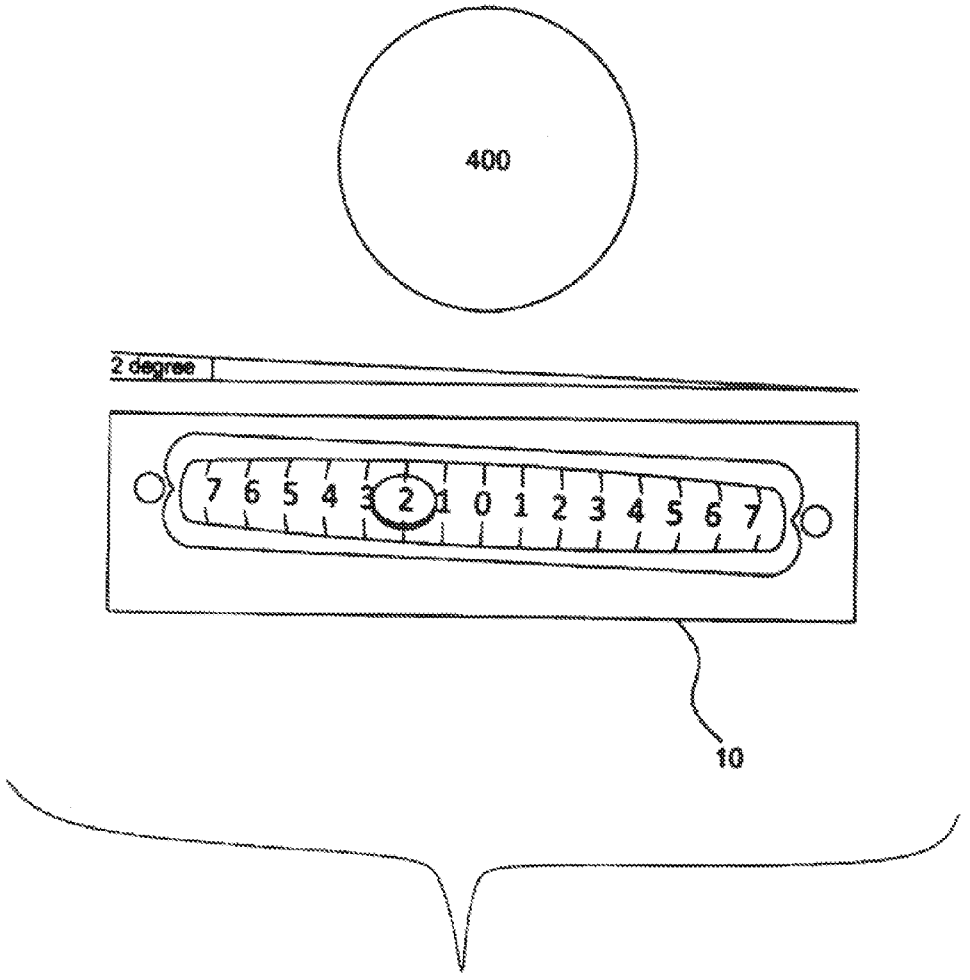


FIG. 3

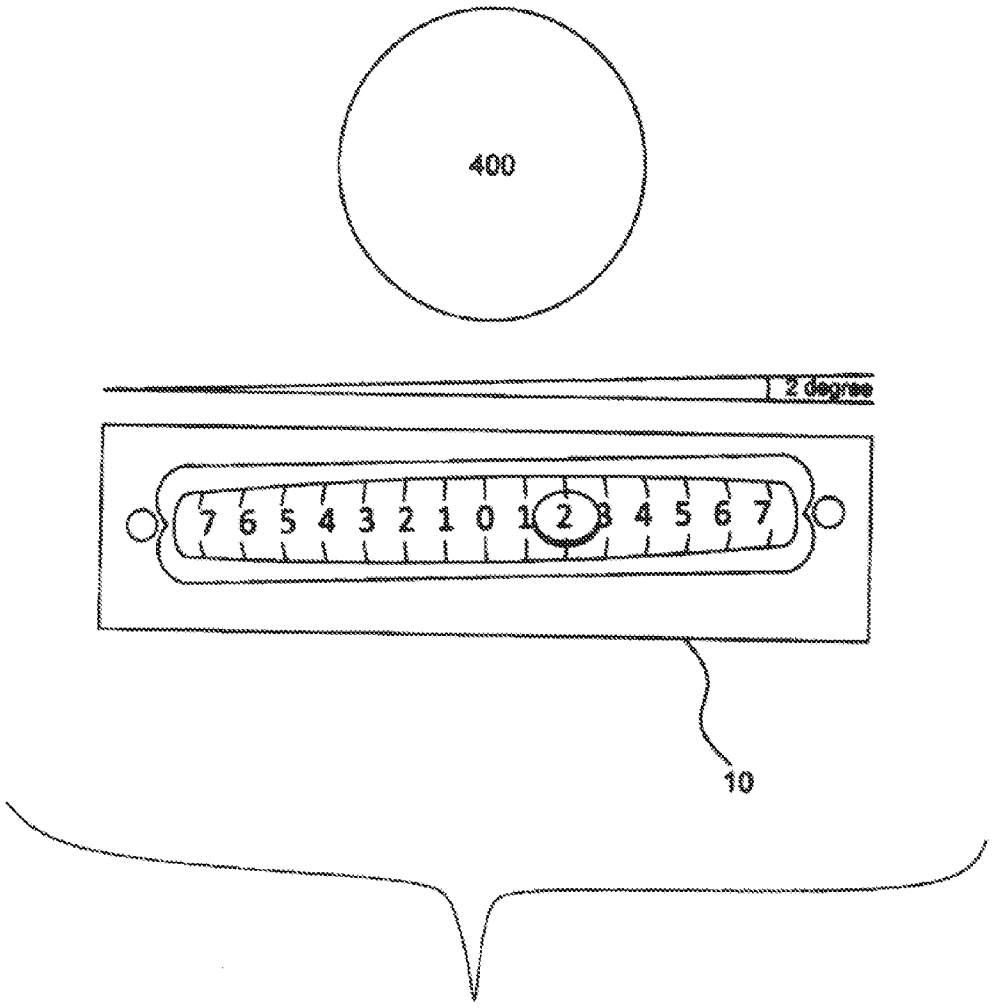


FIG. 4

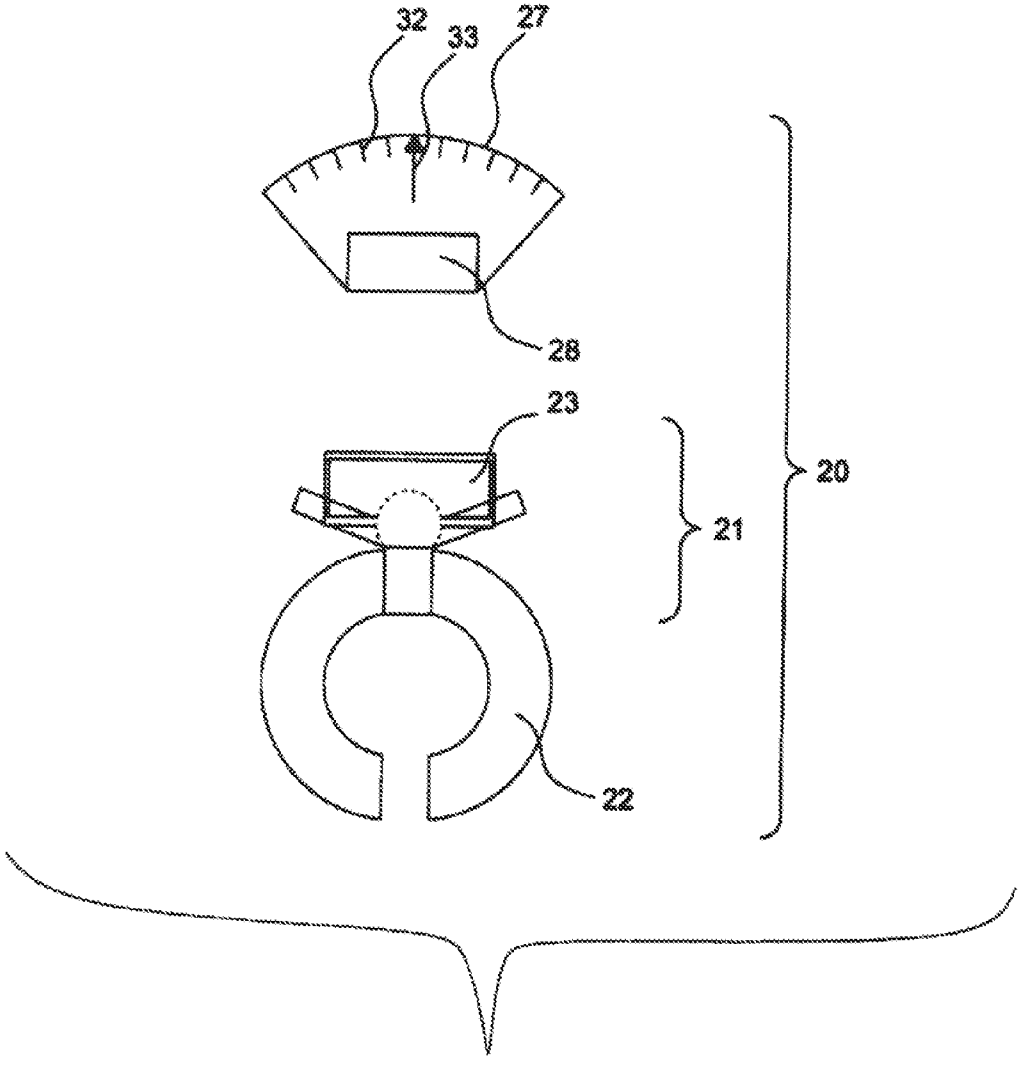


FIG. 5

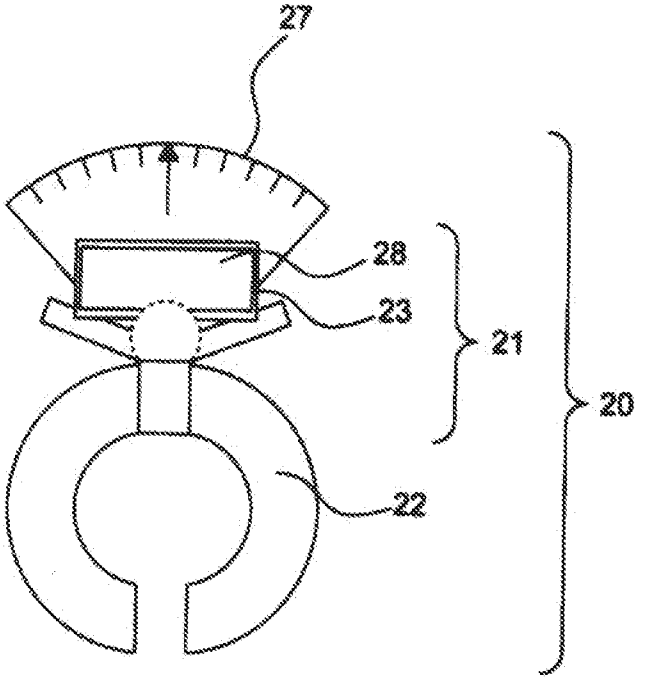


FIG. 6

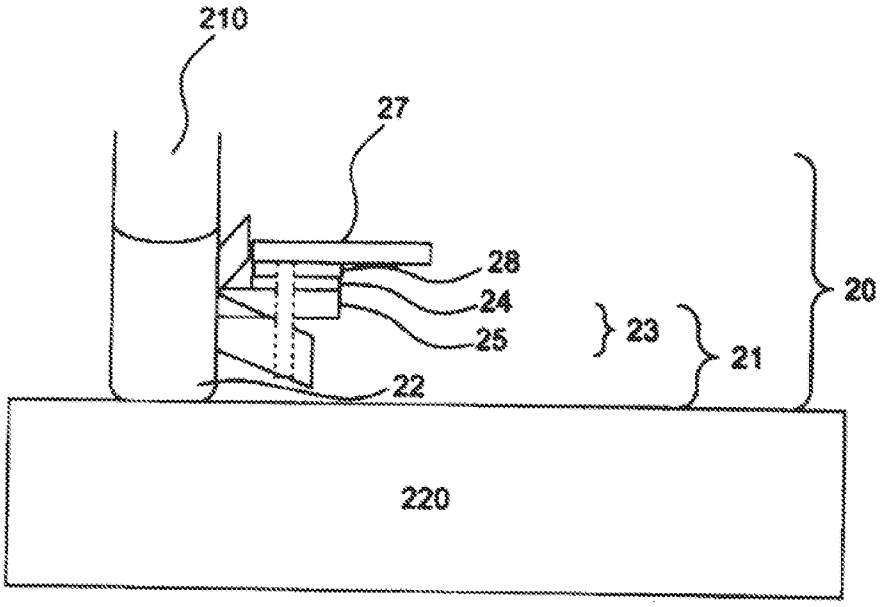


FIG. 7

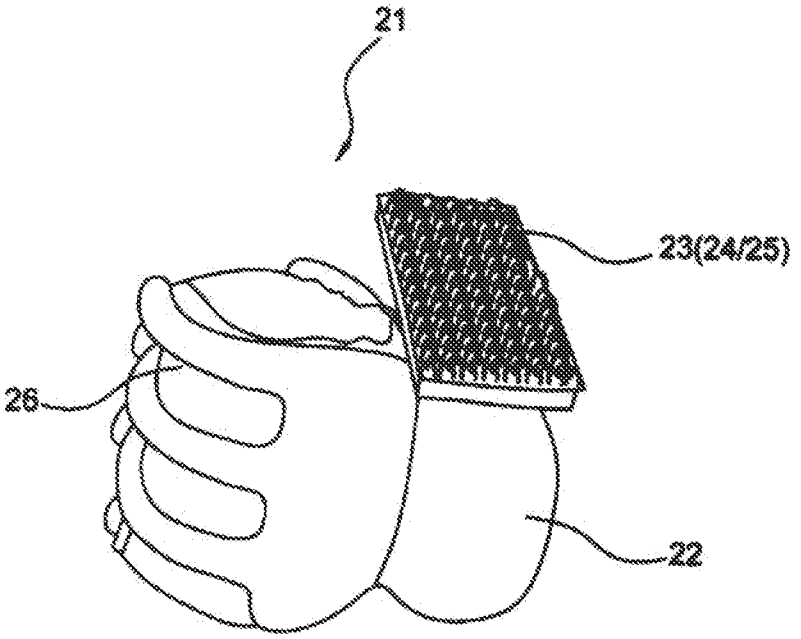


FIG. 8

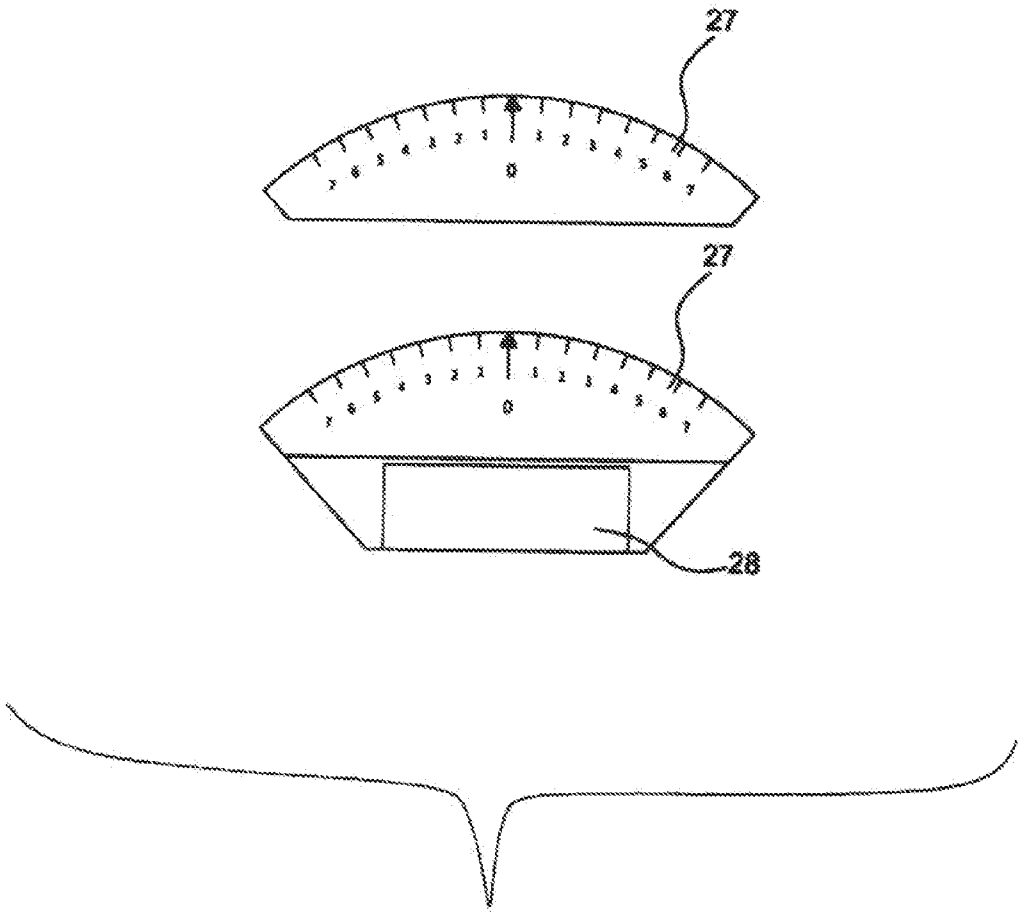


FIG. 9A

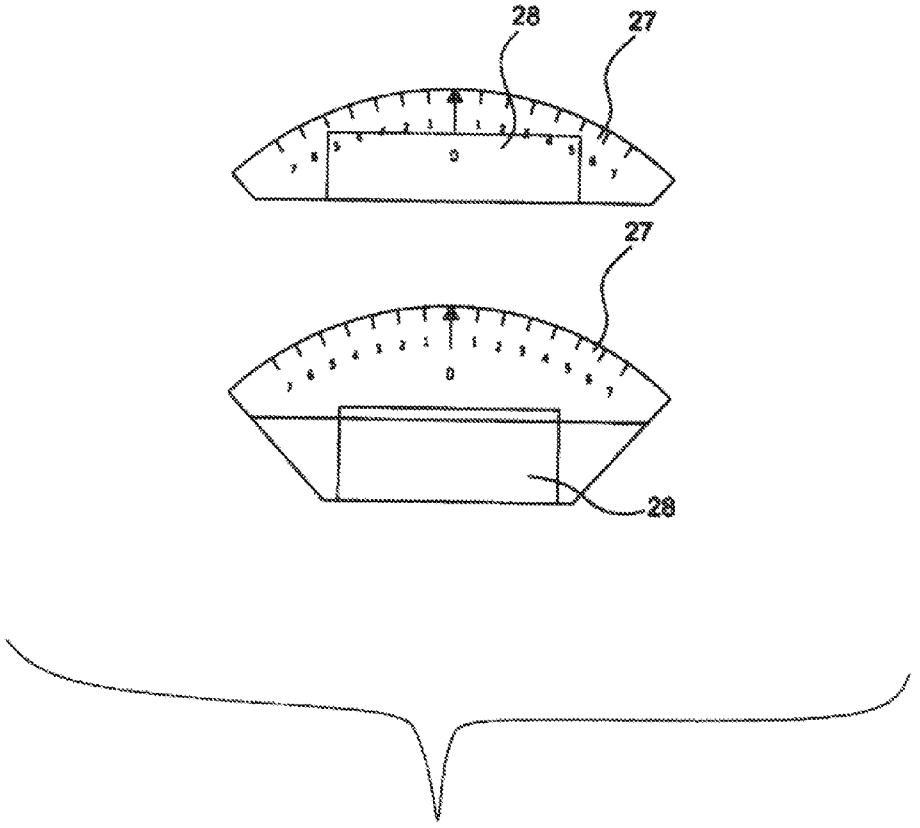


FIG. 9B

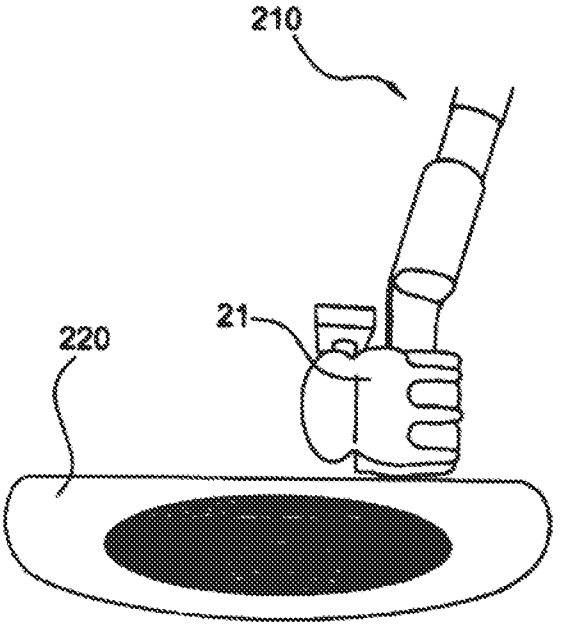


FIG. 10A

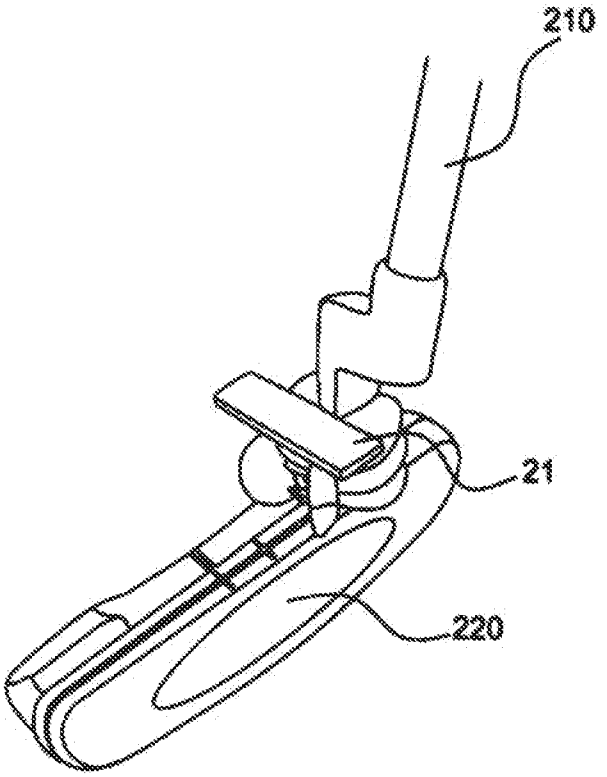


FIG. 10B

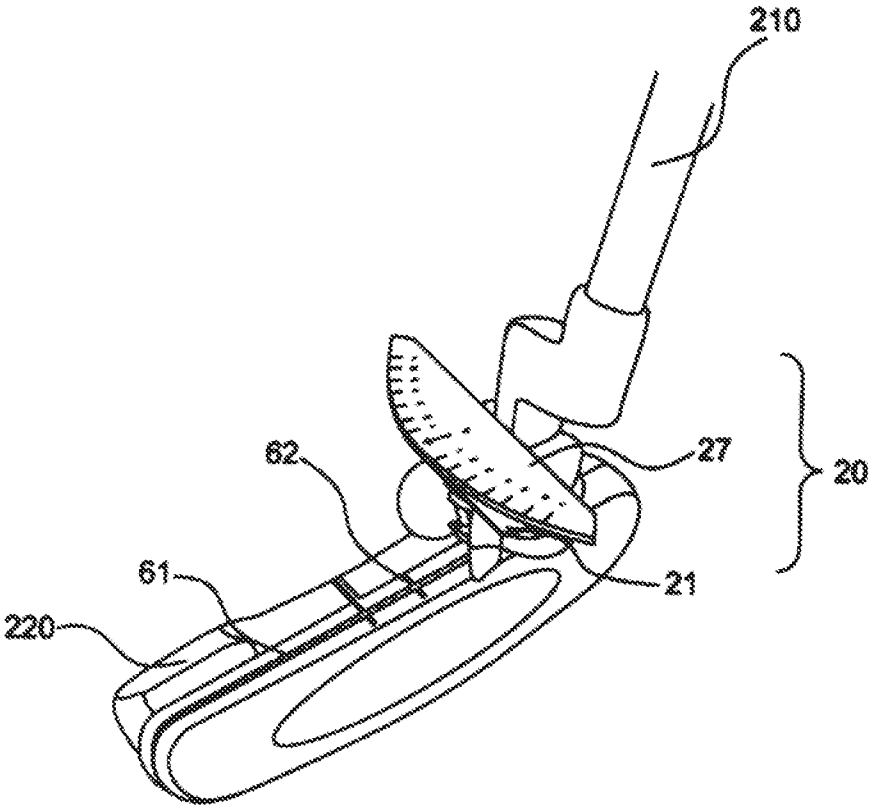


FIG. 11

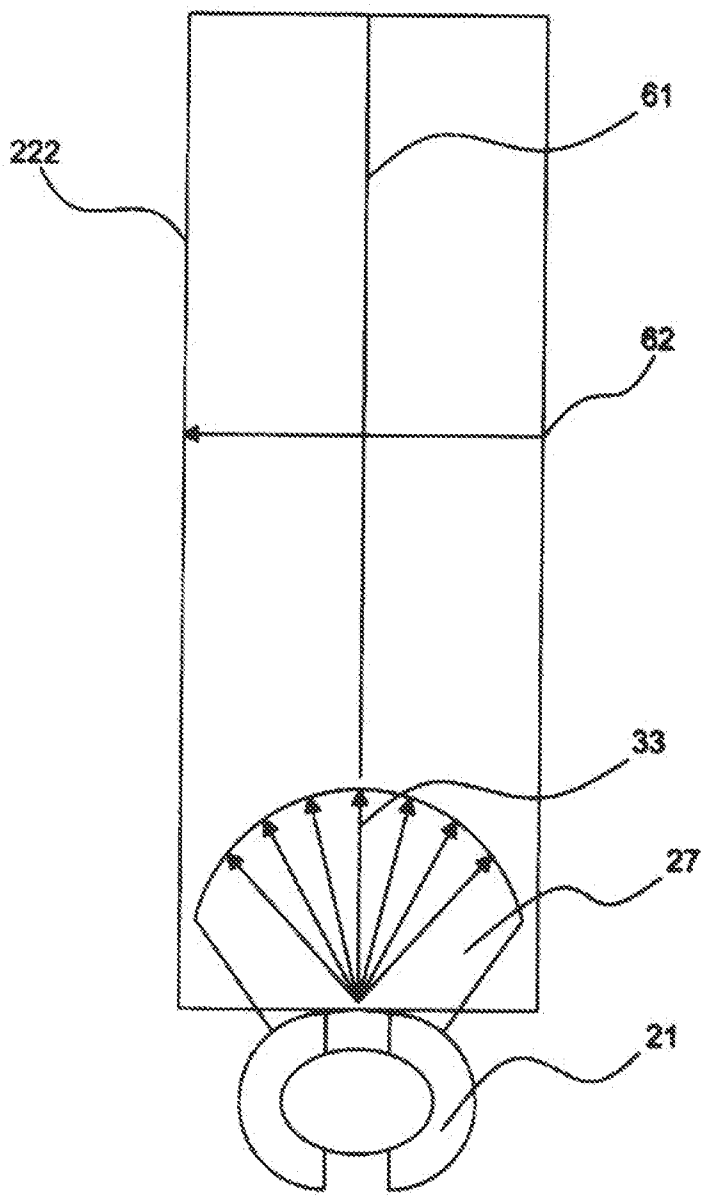


FIG. 12A

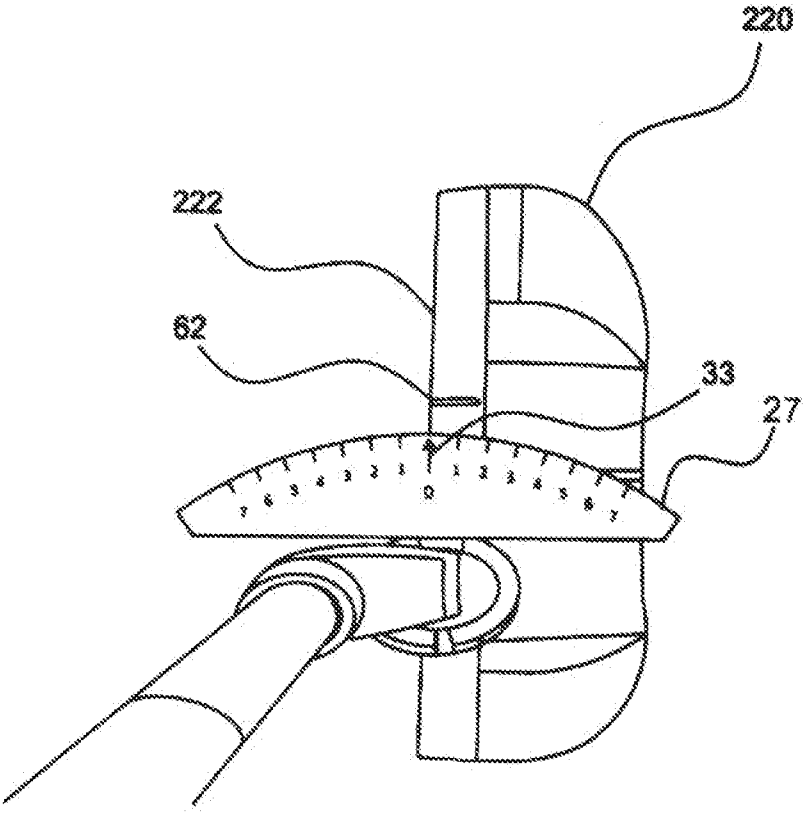


FIG. 12B

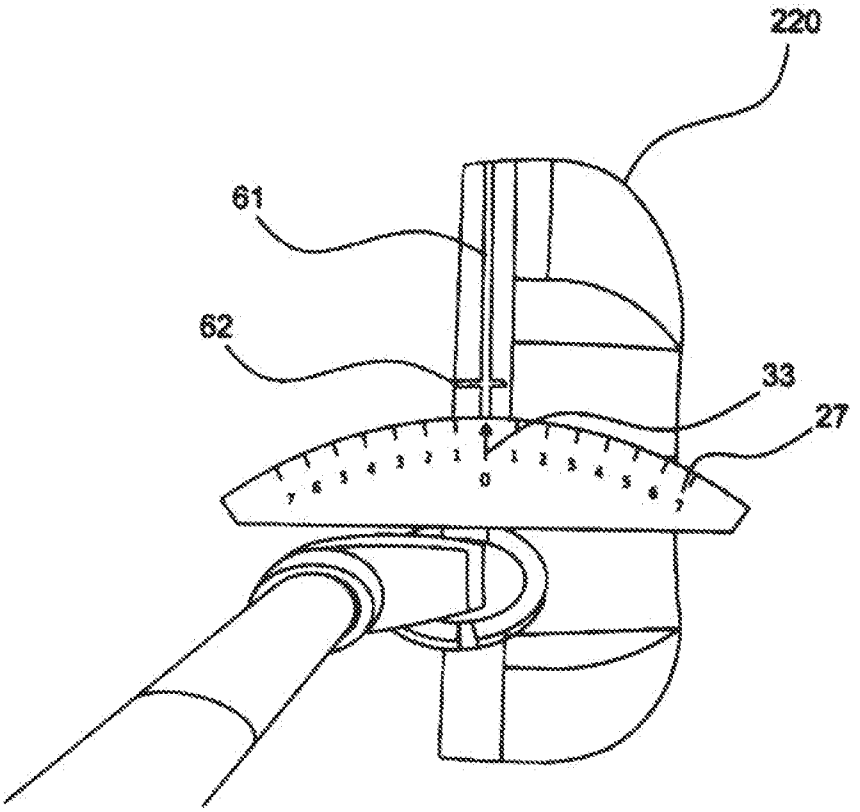


FIG. 12C

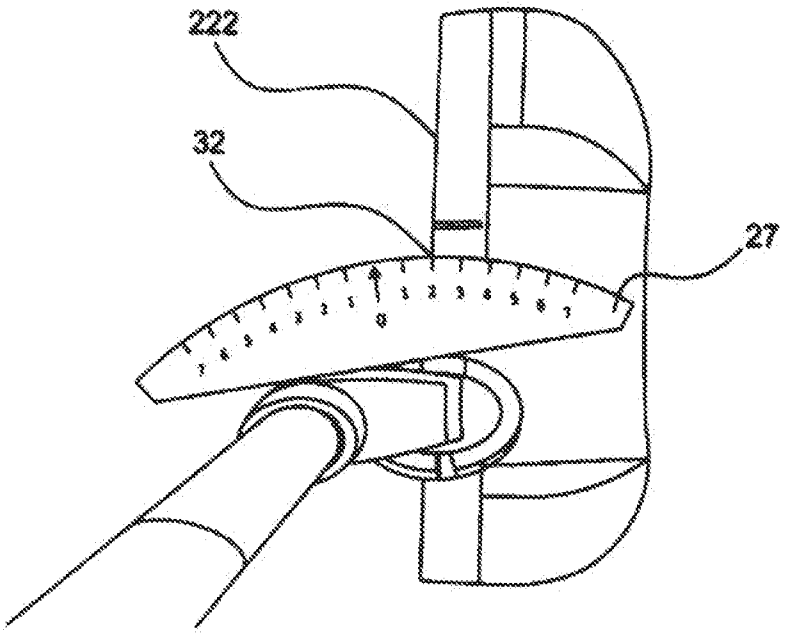


FIG. 13A

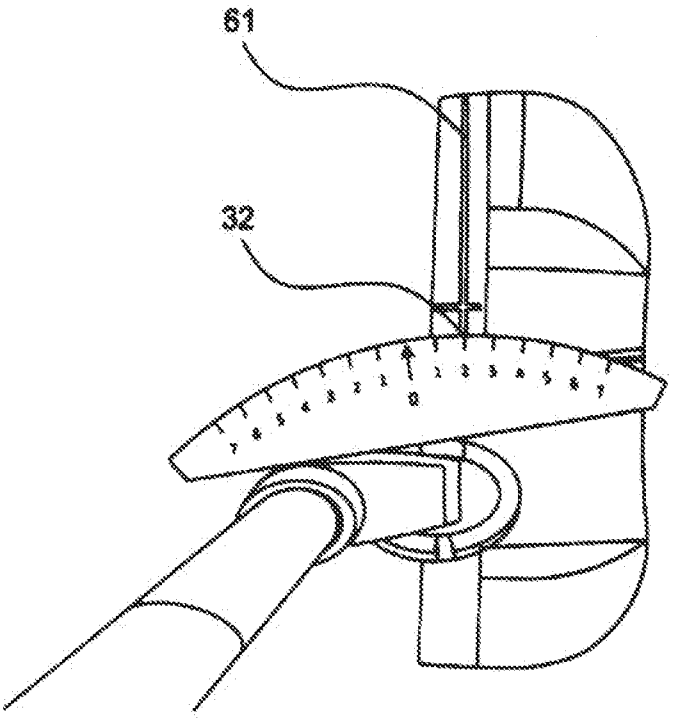
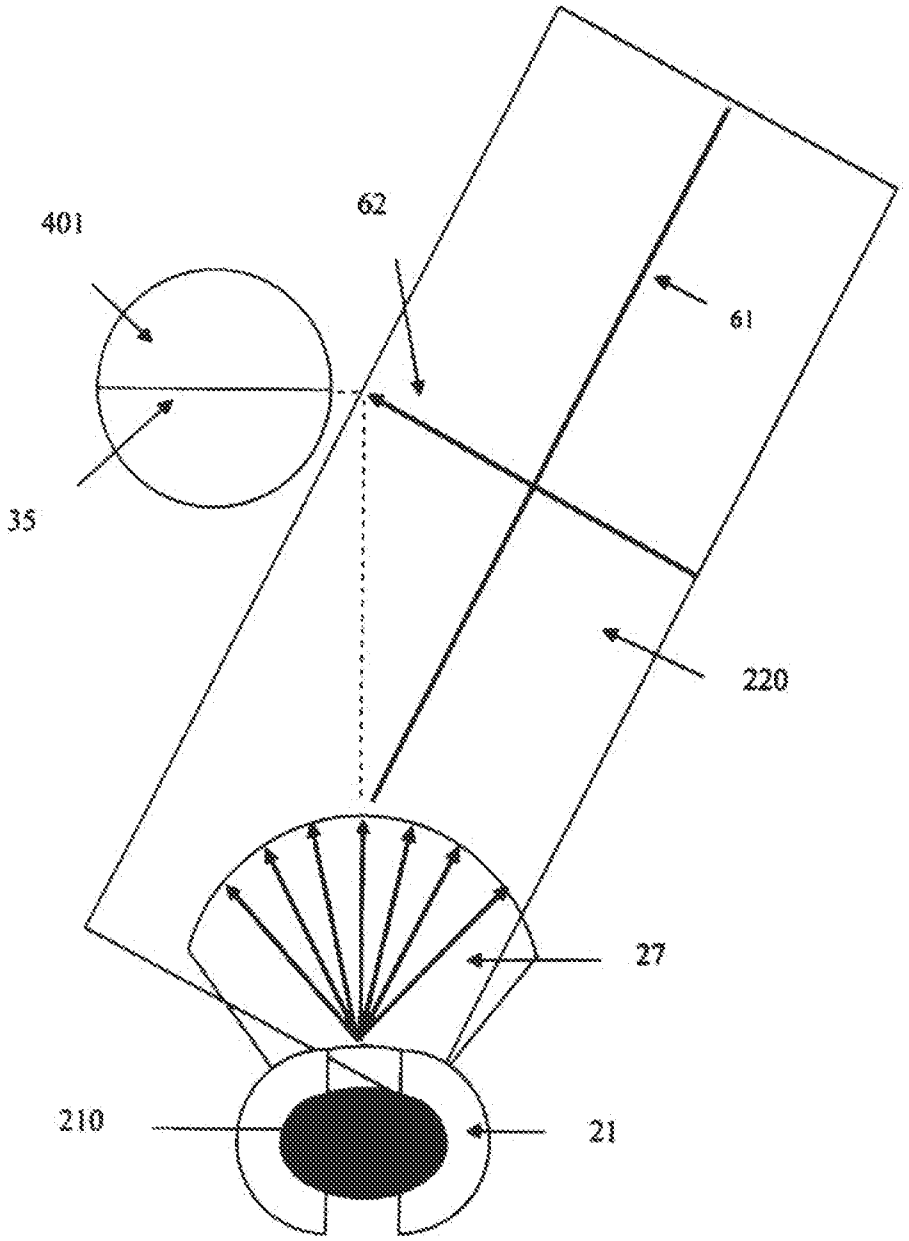


FIG. 13B

Fig. 14A



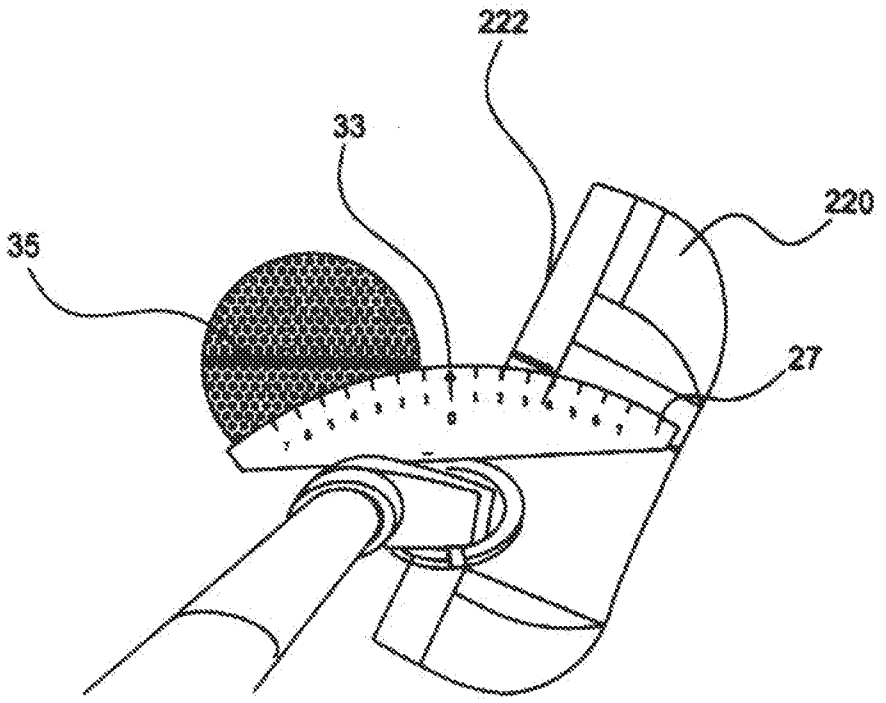


FIG.14B

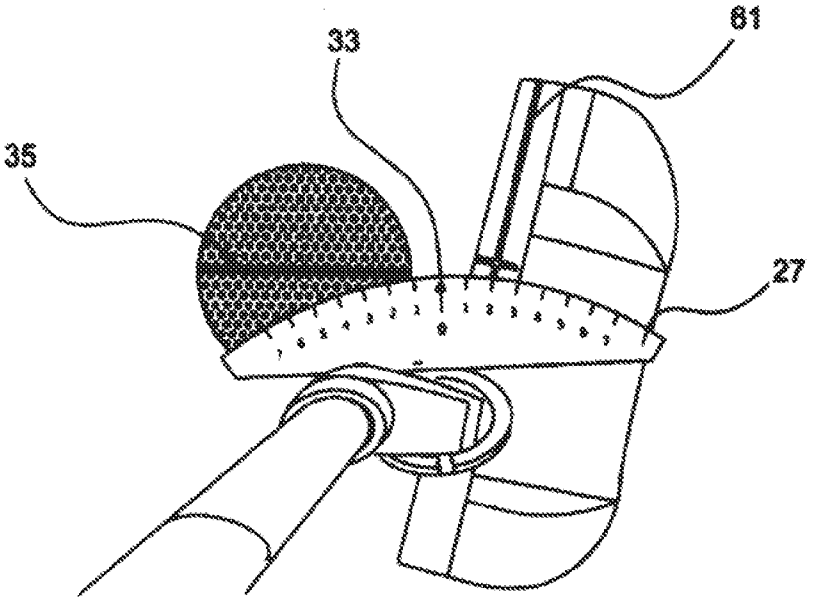
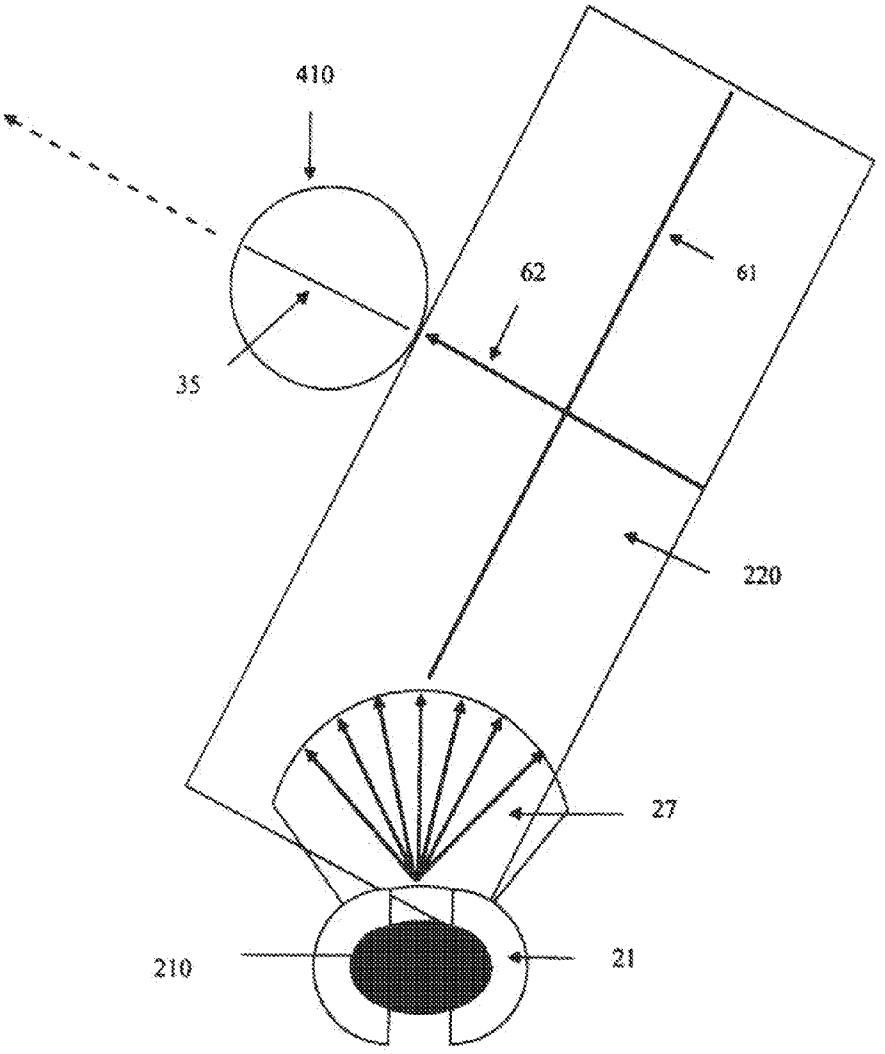


FIG. 14C

Fig. 15A



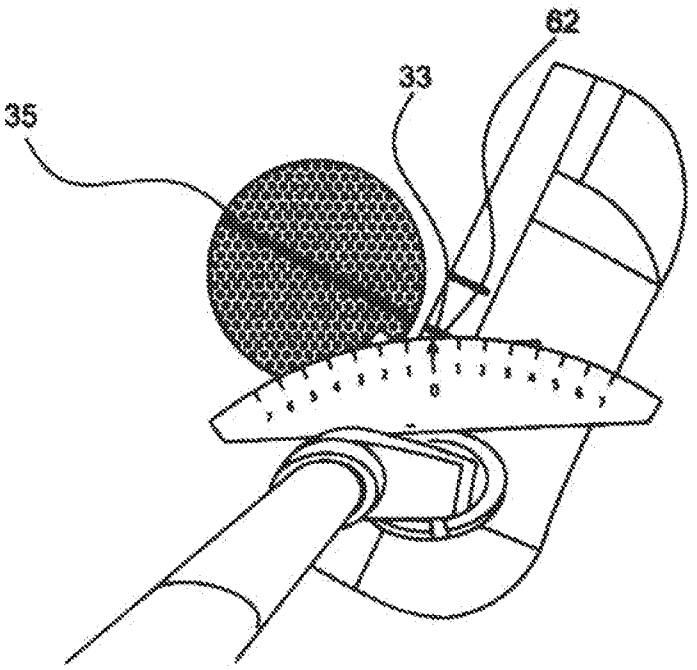


FIG. 15B

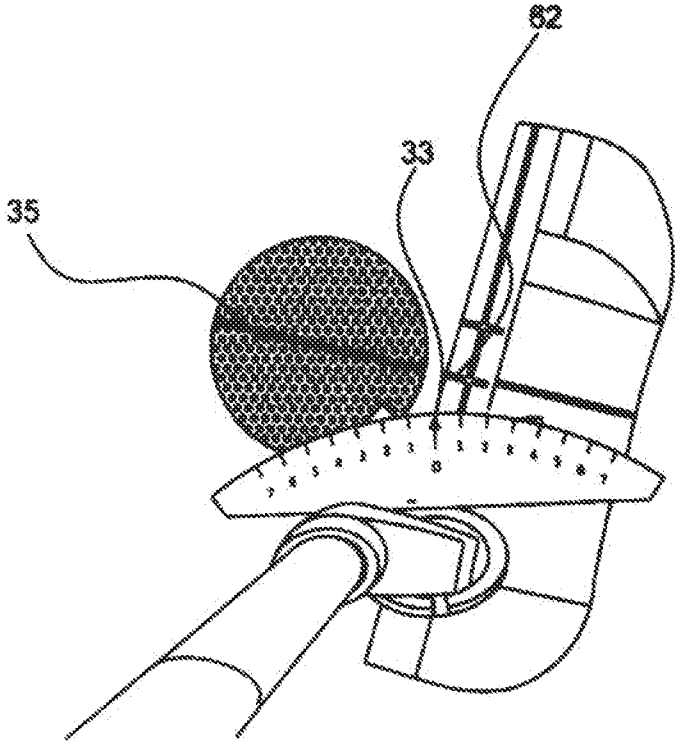


FIG. 15C

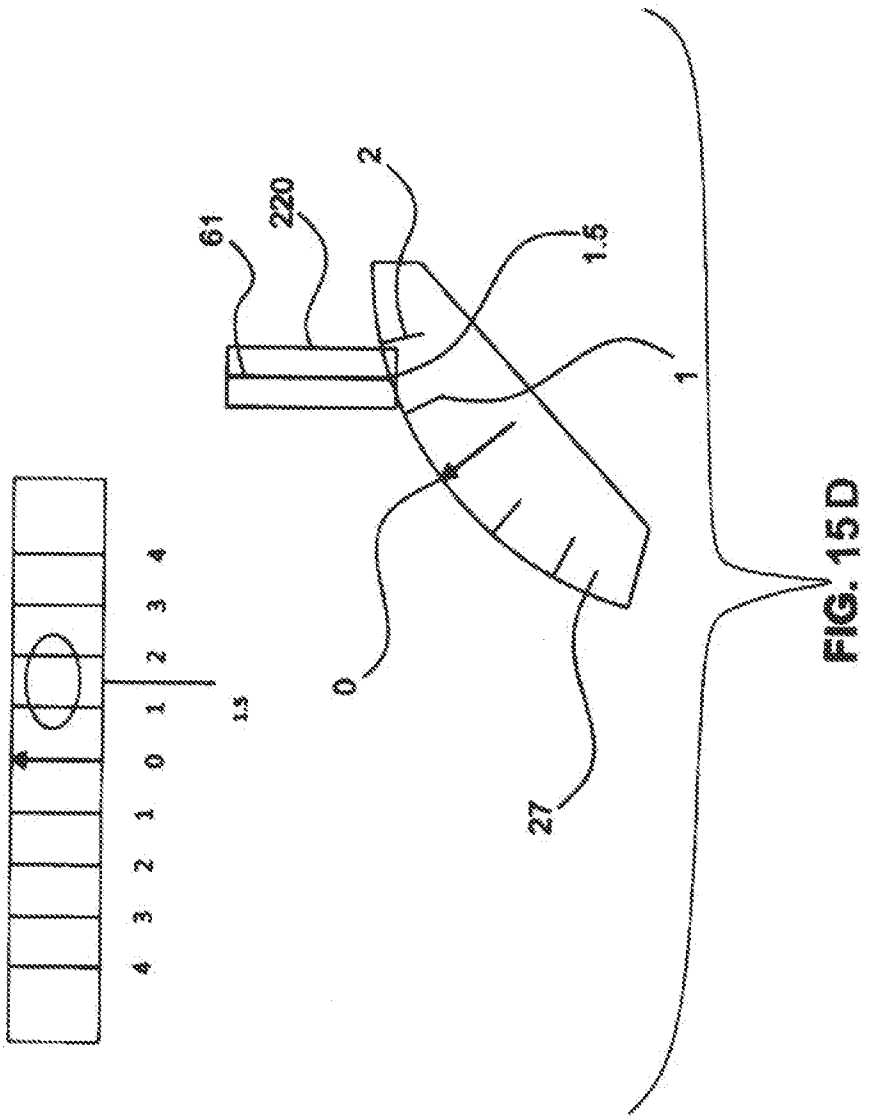


FIG. 15D

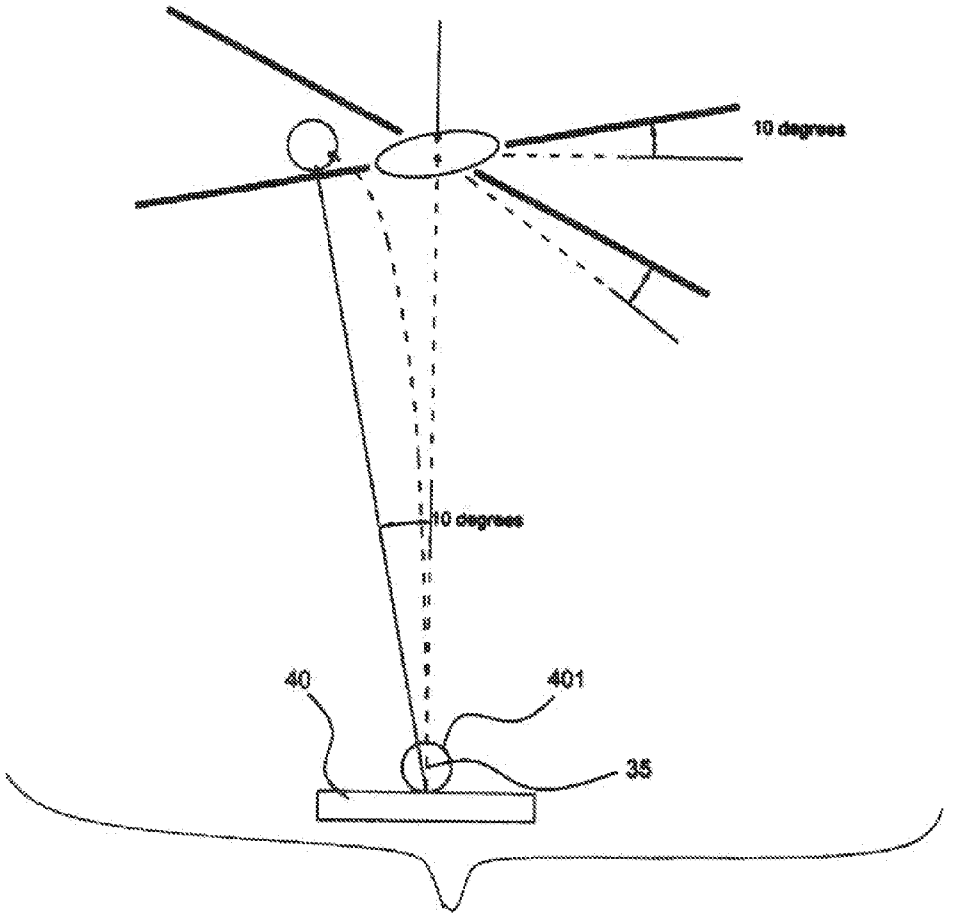


FIG.16

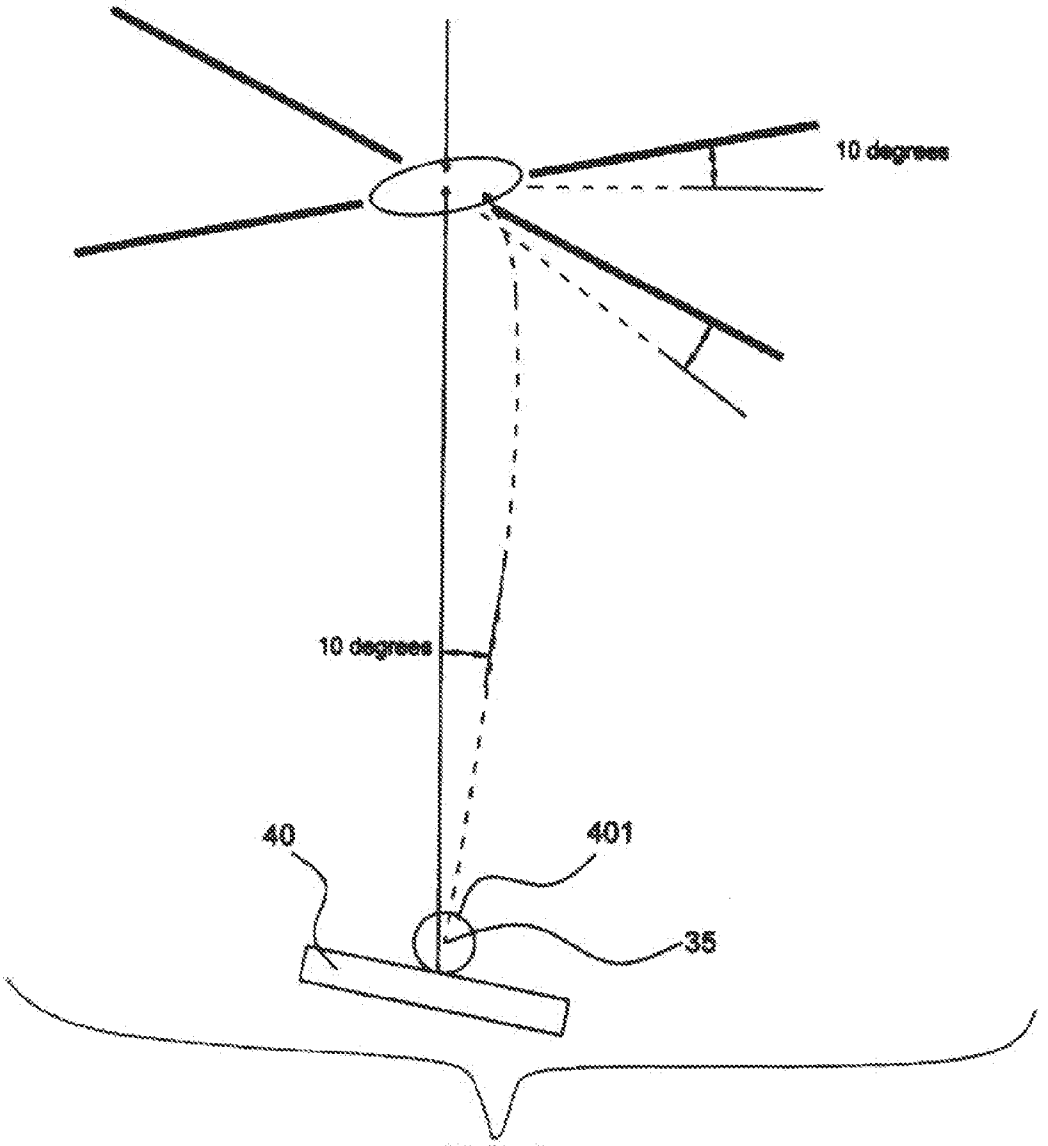


FIG. 17

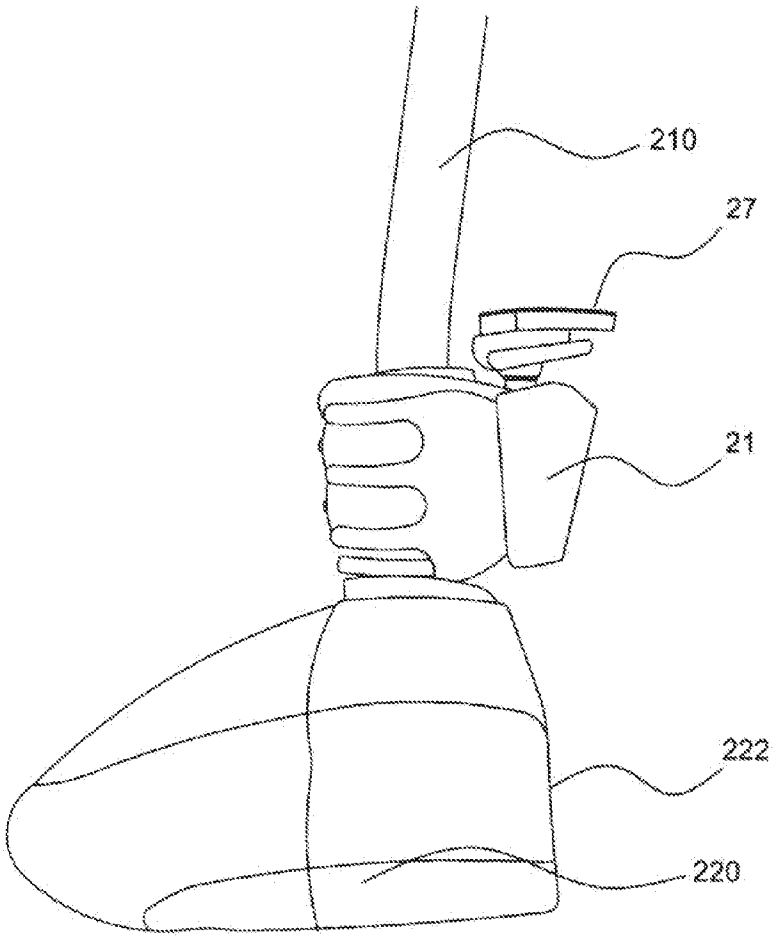


FIG. 18

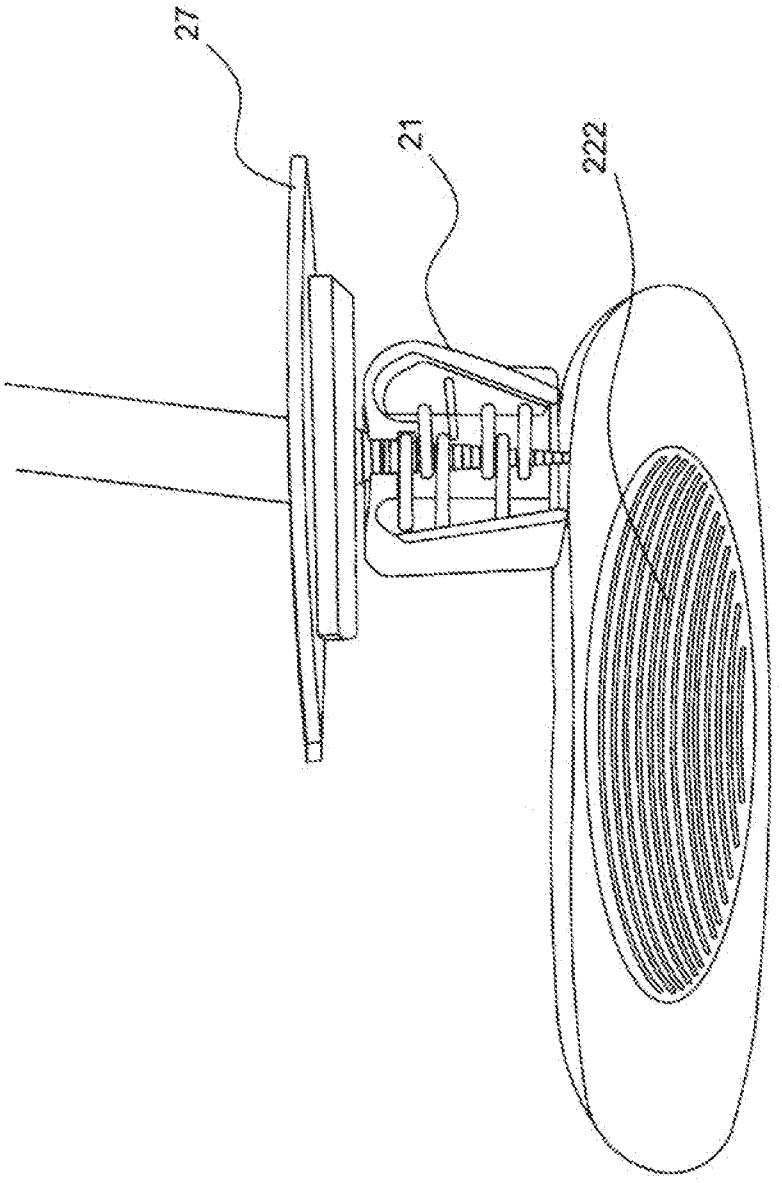


FIG.19

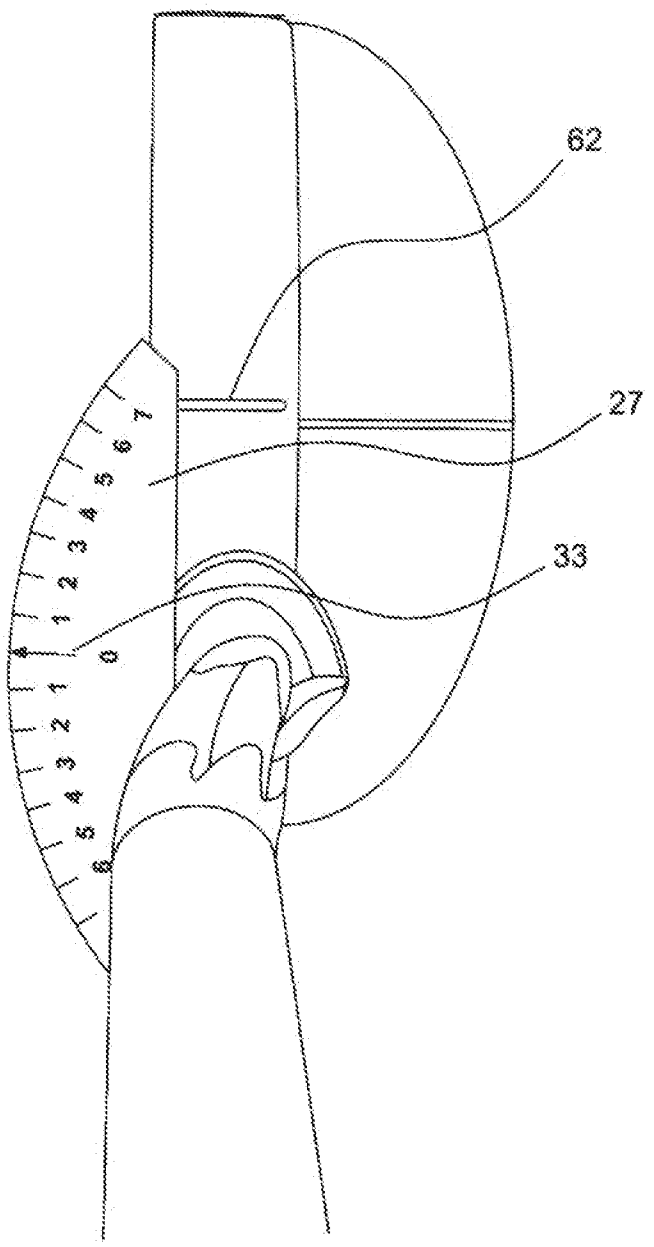


FIG. 20

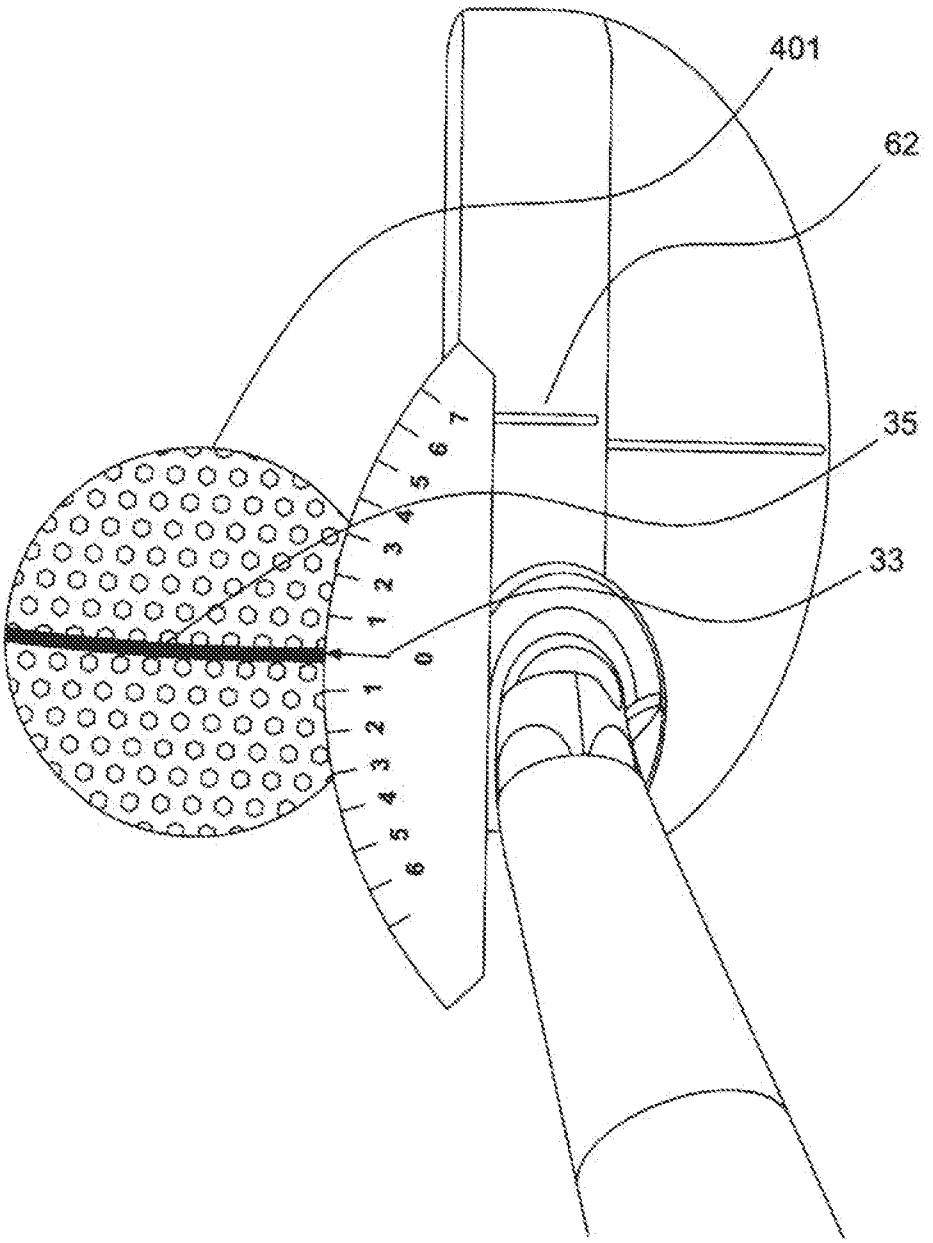


FIG. 21

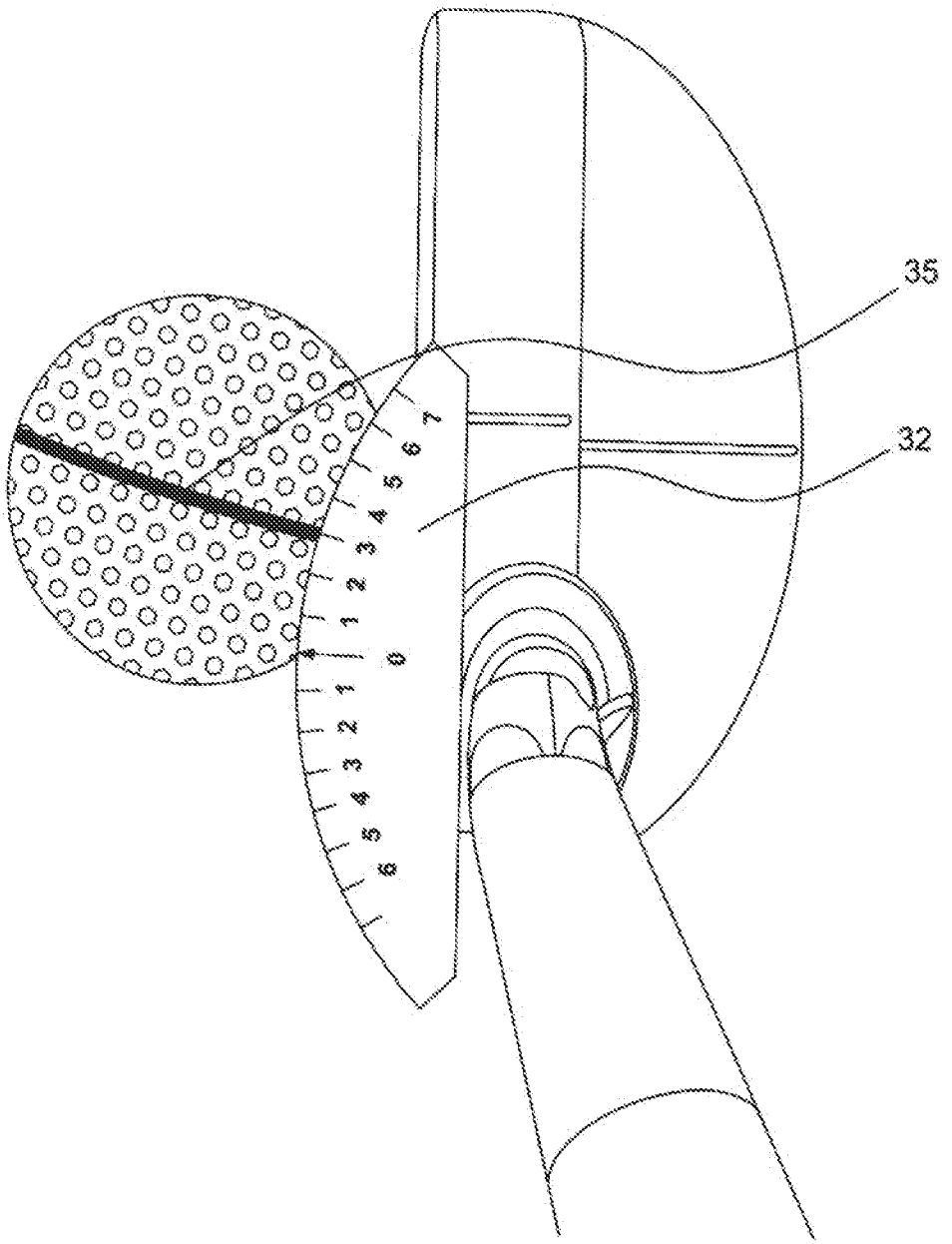


FIG. 22

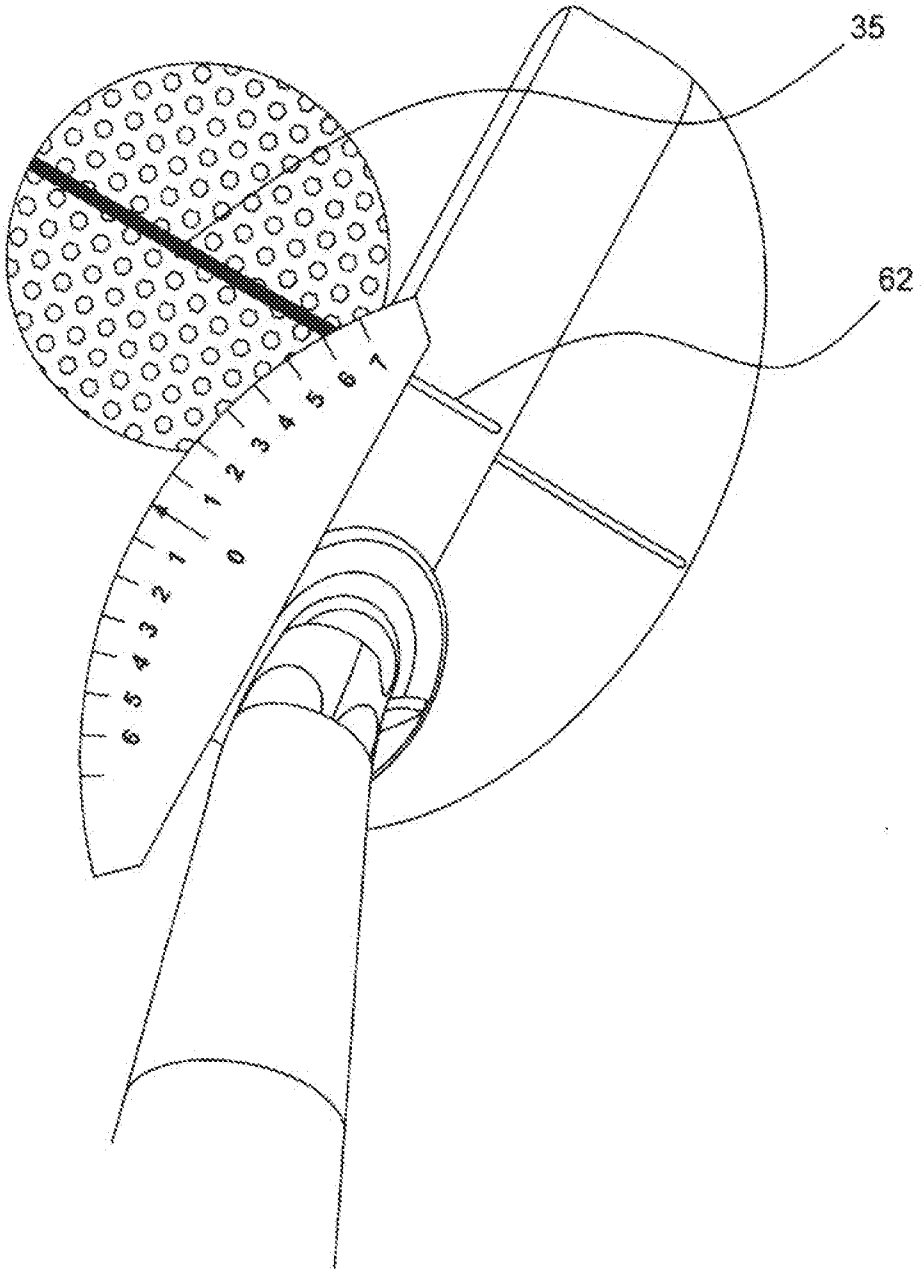


FIG. 23

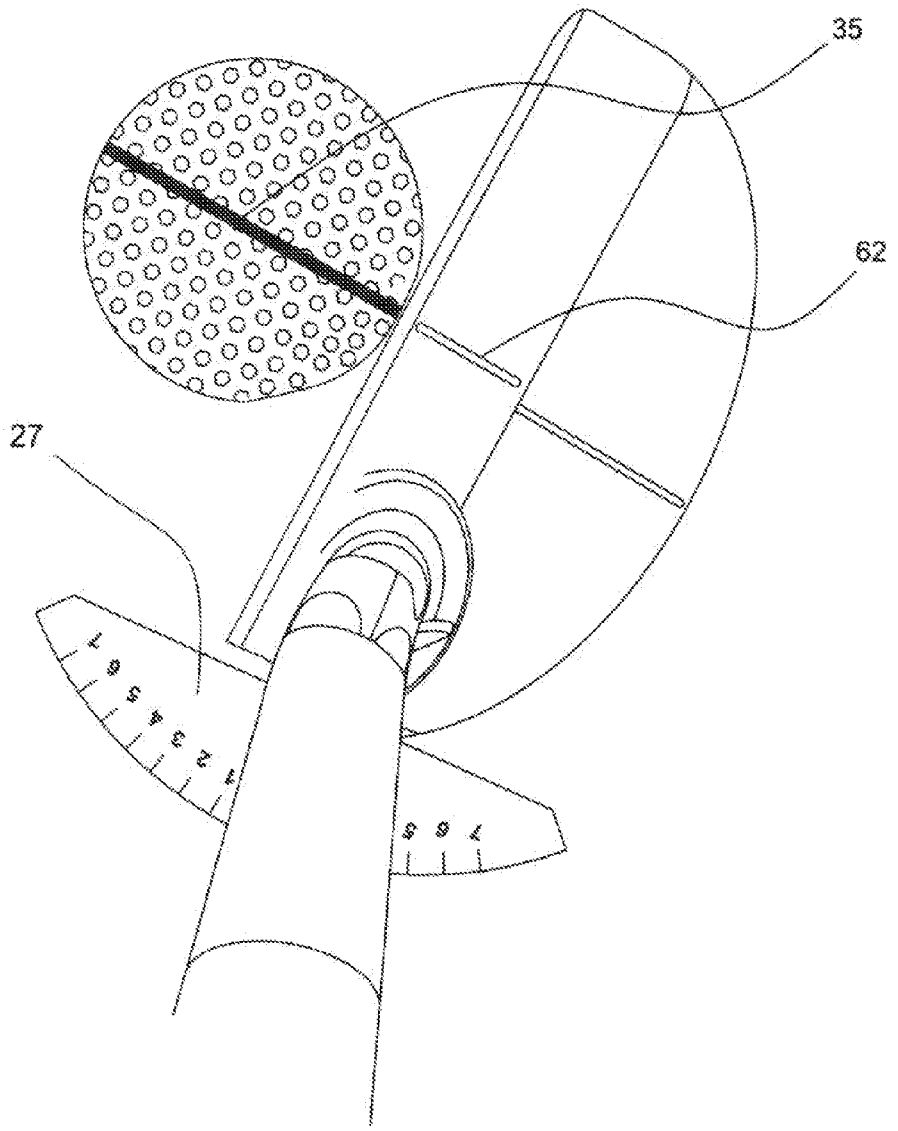


FIG. 24

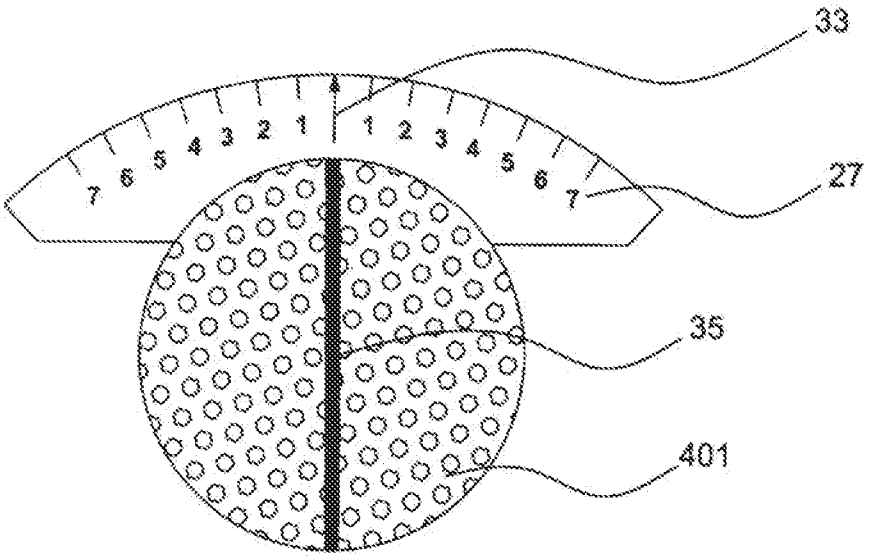


FIG. 25

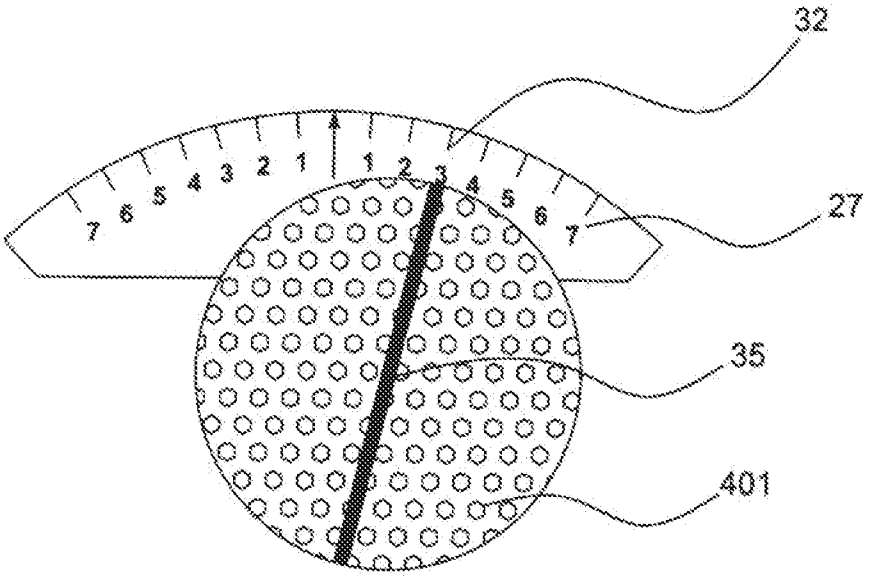


FIG. 26

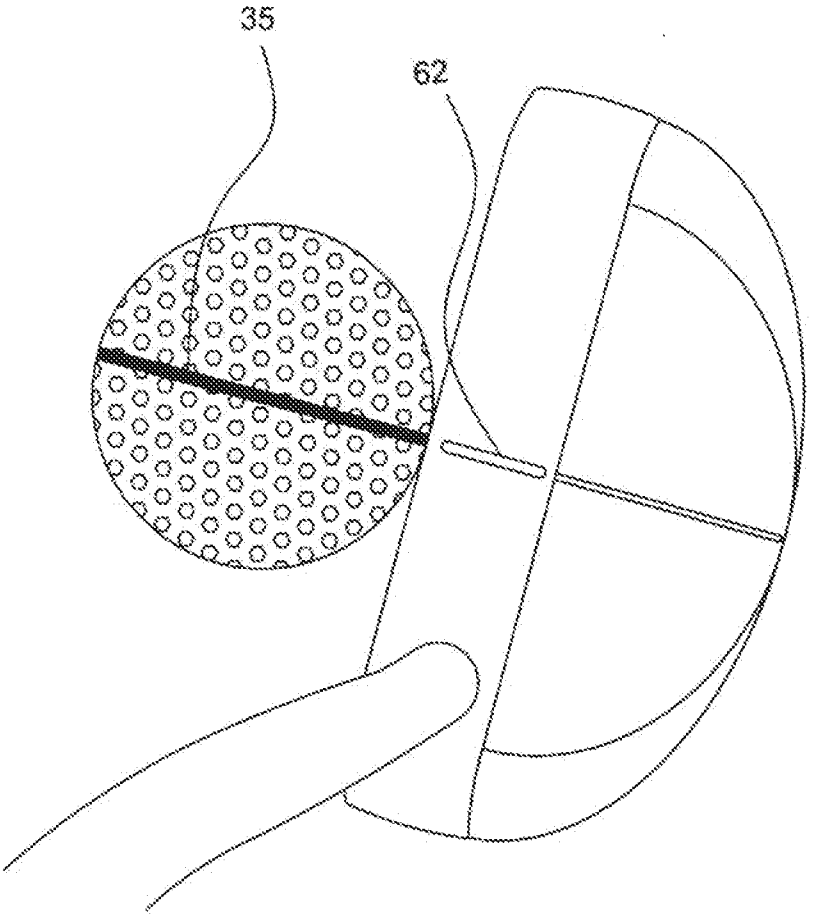


FIG. 27

ROTARY CLIP HEAD AND ANGLE PLATE WITH PUTTING GREEN SLOPE READING TOOL

CROSS-REFERENCE

[0001] This is a continuation-in-part Application to the U.S. application Ser. No. 13/866,532, filed on Apr. 19, 2013, from which priority is claimed, and entirety of which is hereby incorporated by reference.

BACKGROUND OF THE INVENTION

[0002] 1. Field of the Invention

[0003] The present invention relates to golf putting on the putting green, and relates more particularly to the tools to read the slope around the golf hole on the green and the attached rotary clip head with angle plate that can be rotated to a desired angle to improve accuracy of the putting stroke.

[0004] 2. Description of Related Art

[0005] Putting is an important stroke in a golf game. There is a saying "Drive is for the show, putt is for the dough". This can tell how important putting is for the game of golf. However, putting is not an easy stroke due to uneven level around the golf hole on the putting green. It is difficult to read the slope with the naked eyes and golfers would always miss the putt due to misreading the break or by just guessing the break without actual measurement. In addition, if the hole is not the target, it is very difficult to line up the putter head with the "virtual" target. Therefore tools that could read the slope correctly, and a rotary clip head with angle plate is clipped on the putter shaft that could be rotated to make necessary adjustment accordingly on the putting stroke angle would be helpful to improve the scores.

SUMMARY OF THE INVENTION

[0006] In an exemplary embodiment of the present invention, there is disclosed a combination set of tools for improving accuracy of the putting stroke.

[0007] The combination set of tools comprising a slope reading tool and rotary clip head with angle plate is designed to build putting confidence and shave strokes off every golfer's game. The slope reading tool is a high accuracy "bubble level" device that provides actual slope angle around the golf cup to give golfer a quick and accurate reading of the green's contours. The rotary clip head with angle plate which is attached to the putter shaft can be rotated to the angle indicated on the slope reading tool to make the adjustment to achieve a more accurate putting. This combination set is intended to help golfers on putts with subtle or confusing breaks and works best on putts within 12 feet of the hole.

[0008] Using the rotary clip head with angle plate alone can also improve the putting accuracy since there is an actual target for the putting. Even without using the slope reading tool, the rotary clip head with angle plate can be rotated to an angle that would produce the best putting direction after using the rotary clip head with angle plate over time.

[0009] The combination set can be used as follows:

[0010] 1. Place the slope reading tool (a bubble level) in front of the hole on line with putt. When the bubble level is placed horizontal to the hole, it measure the break left to right or right to left depending on the bubble position with respect to the zero degree line. When the bubble level is placed perpendicular to the hole, it measures whether it is uphill or downhill to the hole dependent on the bubble position with respect to the zero degree line.

[0011] 2. When placing the bubble level horizontal to the hole, if the bubble lies in a position left to the zero degree line, it indicates the break is from left to the right. If the bubble lies in a position right to the zero degree line, it indicates the break is from right to left. The number on the bubble level represents the severity of the break, larger the number, the more severe is the break and vice versa. When placing the bubble perpendicular to the hole, if the bubble lies above the zero degree line, it indicates it is uphill to the hole. If the bubble lies below the zero degree line, it indicates it is downhill to the hole. The number on the bubble level represents the severity of the uphill or downhill slope.

[0012] 3. When using the rotary clip head with angle plate that is attached to the shaft of a regular putter, rotate the clip head to make the angle plate aligned with the degree of the break indicated on the bubble level and make the putt in this direction.

[0013] The details of instructions will be described in the other section. After just a few holes, golfers will learn to rely on this combination set of slope reading tool and rotary clip head with angle plate to make their putts. Using the slope reading tool will also speed up play as players spend less time circling the hole or crouching behind their ball to read their line.

[0014] The more important features of the invention have thus been outlined in order that the more detailed description that follows may be better understood and in order that the present contribution to the art may better be appreciated. Additional features of the invention will be described hereinafter and will form the subject matter of the claims that follow.

[0015] Before explaining at least one embodiment of the invention in detail, it is to be understood that the invention is not limited in its application to the details of construction and the arrangements of the components set forth in the following description or illustrated in the drawings. The invention is capable of other embodiments and of being practiced and carried out in various ways. Also it is to be understood that the phraseology and terminology employed herein are for the purpose of description and should not be regarded as limiting.

[0016] As such, those skilled in the art will appreciate that the conception, upon which this disclosure is based, may readily be utilized as a basis for the designing of other structures, methods and systems for carrying out the several purposes of the present invention. It is important, therefore, that the claims be regarded as including such equivalent constructions insofar as they do not depart from the spirit and scope of the present invention.

[0017] The foregoing has outlined, rather broadly, the preferred feature of the present invention so that those skilled in the art may better understand the detailed description of the invention that follows. Additional features of the invention will be described hereinafter that form the subject of the claims of the invention. Those skilled in the art should appreciate that they can readily use the disclosed conception and specific embodiment as a basis for designing or modifying other structures for carrying out the same purposes of the present invention and that such other structures do not depart from the spirit and scope of the invention in its broadest form.

BRIEF DESCRIPTION OF THE DRAWINGS

[0018] Other aspects, features, and advantages of the present invention will become more fully apparent from the following detailed description, the appended claim, and the accompanying drawings in which similar elements are given similar reference numerals.

[0019] FIG. **1** is a top view of a Bubble Level type of Slope Reading Tool;

[0020] FIG. **2** is a top view of the slope reading tool of FIG. **1** wherein the bubble stays at 0 degree line indicating no break;

[0021] FIG. **3** is a top view of the slope reading tool of FIG. **1** wherein the bubble stays at 2 degree line on the left of zero degree line indicating breaking from left to right;

[0022] FIG. **4** is a top view of the slope reading tool of FIG. **1** wherein the bubble stays at 2 degree line on the right of zero degree line indicating breaking from right to left;

[0023] FIG. **5** is a top view (in transparency) of the rotary clip head and angle plate which is detached from the clip head;

[0024] FIG. **6** is a top view (in transparency) of the rotary clip head and angle plate which is removably attached or permanently attached to the clip head;

[0025] FIG. **7** is a side view of a clip head and angle plate on putter shaft;

[0026] FIG. **8** is an isometric view of a clip head according to one embodiment of the present invention;

[0027] FIGS. **9**A and **9**B are top views of an angle plate according to a few embodiments of the present invention;

[0028] FIGS. **10**A and **10**B is a side view and isometric view of the clip head clipped to a shaft right above the putter head;

[0029] FIG. **11** is an isometric view of the angle plate attached clip head clipped to a shaft;

[0030] FIG. **12**A is top view of the putter head with a rotary clip head with angle plate illustrating the angle plate attaching to the clip head with 0 degree line in perpendicular to the target line and lining up with the alignment line of the putter head;

[0031] FIG. **12**B is a top view of the putter head showing that the putter head edge is used as an alignment line which lines up with the zero degree line on the angle plate;

[0032] FIG. **12**C is a top view of the putter head showing a black tape adhered on the putter head as an alignment line which lines up with the zero degree line on the angle plate;

[0033] FIG. **13**A is a top view of the putter head showing that the putter head edge is used as an alignment line which lines up with the desired degree line on the angle plate;

[0034] FIG. **13**B is a top view of the putter head showing a black tape adhered on the putter head as an alignment line which lines up with the desired degree line on the angle plate;

[0035] FIG. **14**A is top view showing the putter is placed in a position where the 0 degree line is perpendicular to the center line of the golf ball.

[0036] FIG. **14**B is a top view showing the putter is placed in a position where the 0 degree line is perpendicular to the center line of the golf ball in the case that the putter face edge is used as an alignment line.

[0037] FIG. **14**C is a top view showing the putter is placed in a position where the 0 degree line is perpendicular to the center line of the golf ball in the case that the black tape adhered on the putter head as an alignment line.

[0038] FIG. **15**A is a top view showing the central line of the golf ball lines up with the target line of the putter head and then make the putt in this direction.

[0039] FIG. **15**B is a top view showing that the putter head edge is used as an alignment line and the central line of the golf ball lines up with the target line of the putter head and then make the putt in this direction;

[0040] FIG. **15**C is a top view showing a black tape adhered on the putter head as an alignment line and the central line of the golf ball lines up with the target line of the putter head and then make the putt in this direction;

[0041] FIG. **15**D is a top view of the putter head with a rotary angle plate 1.5 degree lined up with the black tape alignment line on the putter head.

[0042] FIG. **16** is conceptual view of golf ball path when making the putt without making any adjustment on the putting angle;

[0043] FIG. **17** is a conceptual view of the golf ball path using the combination set of slope reading tool and rotary clip head with angle plate to execute the putting stroke;

[0044] FIG. **18** is a front view showing the clip head is clipped side way onto the putter shaft. In this way, the angle plate is in parallel with the putter face instead of perpendicular to the putter face.

[0045] FIG. **19** is a side view showing the clip head is clipped side way onto the putter shaft.

[0046] FIG. **20** is a top view showing the 0 degree line on the angle plate is in parallel with the target line of the putter head.

[0047] FIG. **21** is a top view showing the central line of the golf ball lines up with the 0 degree line on the angle plate forming a straight line.

[0048] FIG. **22** is a top view showing the central line of the golf ball lines up with the 3 degree line on the right side of the angle plate. The 3 degree on the right is indicated from the bubble level reading.

[0049] FIG. **23** is a top view showing the target line of the putter head lines up with the central line of the golf ball and to set up the putting direction.

[0050] FIG. **24** is a top view showing the target line of the putter head is lined up with the central line of the golf ball wherein the angle plate is rotated away from the golf ball so that the angle plate does not interfere with the putt.

[0051] FIG. **25** is a top view showing only the angle plate is used to set up the correct putting direction. The angle plate is placed on the green with the 0 degree line aiming at the center of the hole, and the central line of the golf ball lines up with the 0 degree line on the angle plate.

[0052] FIG. **26** is a top view showing the golf ball is turned to the right to line up the central line with the 3 degree line on the angle plate according to the bubble level reading.

[0053] FIG. **27** is a top view showing target line on the putter head lines up with the central line of the golf ball and make the putt in this direction.

DESCRIPTION OF THE PREFERRED EMBODIMENT

[0054] The combination set of golf tools designed to build putting confidence and shave strokes off every golfer's game according to the present invention comprises a slope reading tool and rotary clip head with angle plate.

[0055] (A) Slope Reading Tool: A Bubble Level 10 (Spirit Level Available in the Market)

[0056] Referring to FIG. **1**, there is disclosed a slope reading tool **10** which is a bubble level (spirit level in the market). However, the slope reading tool may be of other type. The bubble level has angle measuring capability as shown in FIG. **1**. Each degree on the bubble level type of slope reading tool **10** is separated by a width (W). In one embodiment of the slope reading tool, each degree is separated by the width (W) of 4 mm. Each scale of 4 mm length stands for 1 degree. To measure the slope around the golf hole **400**, the slope reading tool **10** is placed in front of the hole **400**. When the bubble stays at zero, it indicates there is no break on the putting surface; it means the green is horizontally leveled without slope around golf hole **400** (FIG. **2**). If the bubble of the bubble level slope reading tool **10** on a putting surface in front of the hole **400** stays at 2 degree on the left of zero degree line indicating a 2 degree slope breaking from left to right. (FIG. **3**). On the other hand, if the bubble of the bubble level slope reading tool **10** on a putting surface in front of the hole **400** stays at 2 degree on the right of zero degree line indicating a 2 degree slope breaking from right to left. (FIG. **4**).

[0057] (B) Rotary Clip Head with Angle Plate **20**

[0058] Referring to FIGS. **5-6**, there is disclosed a set of rotary clip head **21** and angle plate **27** according to one embodiment of the present invention. A rotary clip head **21** consists of a claw clip **22**, and a Velcro™ hook plate **23** (a fabric fastener such as Velcro™ hook **24** adhered on a plastic plate **25** in FIG. **7**). The angle plate **27** with a matching fabric fastener such as the Velcro™ loop **28** on the bottom can be detached from or attached to the Velcro™ hook **24** on the Velcro™ hook plate **23** in the clip head **21**. Other suitable fastening means may be used instead of fabric fasteners. Alternatively the angle plate **27** can be fixed to the clip head **21** permanently when the black tape adhered on the putter head is used as alignment line. The angle plate **27** has the degree mark lines **32** on the top of the angle plate **27**. The zero degree line **33** is located in the center of the angle plate **27** for use to align with the central line of the putter head **220** (FIG. **10**A). The rotary clip head **21** with angle plate **27** can be clipped to a regular putter (non-rotary head) shaft **210** as illustrated in FIG. **7**. The clip head **21** can be rotated around the putter shaft **210** to a desired degree on the angle plate **27** as indicated in the slope reading tool **10**. The combination set of golf tool may further comprise a tape for marking an alignment line **61** along about the midline of the putter head pointing to the center of the shaft. The target line **62** is perpendicular to the alignment line.

[0059] Referring to FIG. **8** for the clip head **21** according to one embodiment of the present invention. The clip head **21** further comprise foam **26** within the claw of the claw **22** to secure the fastening of the putter shaft **210**.

[0060] Referring to FIGS. **9**A and **9**B, there are disclosed a few embodiments of the angle plate **27** according to the present invention. The angle plate **27** may be made of plastic plate. It may be non-transparent **9**A or transparent **9**B. Moreover, there are two types of angle plate **27** with different sizes. The smaller angle plate is used for center or near center shaft putter. The large angle plate is used for heel shaft putter. The curvature of the angle plate is the curvature of a circle of 90 mm diameter. In one embodiment of the angle plate **27**, each scale of the degree mark lines is separated by the width of 4 mm which is as same as the width for each scale on the slope reading tool **10**.

[0061] Clip the clip head **21** to the shaft **210** right above the putter head **220** (FIGS. **10**A, B) and attach the angle plate **27** to the Velcro™ hook plate **23** on the clip head **21** using the Velcro™ loop **28** on the bottom of the angle plate **27** (FIG. **11**). If the angle plate **27** is already attached to the clip head **21** permanently, clip the clip head **21** to the shaft **210** and align the zero degree line **33** on the angle plate to the alignment line **61** on the putter head.

[0062] (C) Method for Using the Rotary Clip Head and Angle Plate

[0063] The methods for using the rotary clip head and angle plate **20** together with a regular putter **220** are illustrated in the following sections.

[0064] In use, first, the user should align the 0 degree line **33** with the alignment line **61** or the putter face **222**. FIGS. **12**A and **12**C illustrates the angle plate **27** using clip head **21** attaching to the putter shaft **210** with 0 degree line **33** on the angle plate **27** perpendicular to the target line **62** and lining up with the alignment line **61** (using a black tape or a marked line) of the putter head **220**. Alternatively, the 0 degree line on the angle plate **27** can line up with the putter face **222** (FIG. **12** B). FIG. **12**B is a top view of the putter head showing that the putter face **222** is used as an alignment line which lines up with the zero degree line on the angle plate. FIG. **12**C is a top view of the putter head showing a black tape adhered on the putter head as a black tape made alignment line **61** which lines up with the zero degree line on the angle plate.

[0065] After measuring the slope around the hole **400** using the slope reading device **10**, next, rotate the rotary clip head to the position where the degree line **32** is at the desired corresponding degree on the angle plate **27** and this desired degree line lines up with alignment line **61** of the putter head **220** as illustrated in FIG. **13**B or with the putter face **222** lining up with the corresponding degree line **32** as indicated in FIG. **13**A. FIG. **13**A is a top view of the putter head **220** showing that the putter face **222** is used as an alignment line which lines up with the desired degree line **32** on the angle plate **27**. FIG. **13**B is a top view of the putter head **220** showing a black tape adhered on the putter head as an alignment line **61** which lines up with the desired degree line **32** on the angle plate **27**.

[0066] Then, hold the putter **200** on the ground in a position to make 0 degree line **33** perpendicular to the central line **35** of the golf ball **401**. FIG. **14**A is a top view showing the putter is placed in a position where the zero degree line is perpendicular to the central line of the golf ball. FIG. **14**B is a top view of the putter head **220** showing that the putter face **222** is used as an alignment line which lines up with the desired degree line on the angle plate **27**, and then by holding the putter **200** in a position such that the zero degree line is perpendicular to the central line of the golf ball **35**. FIG. **14**C is a top view of the putter head **220** showing a black tape made alignment line **61** which lines up with the desired degree line **32** on the angle plate **27**, and then by holding the putter **200** in a position that the zero degree line is perpendicular to the central line of the golf ball **35**.

[0067] Then, rotate the golf ball **401** so that the central line of the ball **35** lines up with the target line **62** of the putter head **220** and then make the putt in this direction. FIG. **15**A is a top view showing the central line of the golf ball lines up with the target line **62** of the putter head forming a straight line and then make the putt in this direction. FIG. **15**B is a top view of the putter head showing that the putter face **222** is used as an alignment line and the central line of the ball **35** lines up with the target line **62** and then make the putt in this direction. FIG.

15C is a top view of the putter head showing the black tape made alignment line **61** and the central line of the ball **35** lines up with the target line **62** of the putter head and then make the putt in this direction. When the bubble lies between two numbers in the bubble level 10, e.g. between 1 and 2 as illustrated in FIG. **15**D, estimate the position of the bubble center, for example, as a 1.5 as indicated in the diagram, then rotate the clip head so that the 1.5 degree on the angle plate **27** aligns with the putter face **222** or with the black tape **61** as shown in the diagram. FIG. **15**D is a top view of the putter head **220** having an angle plate **27** with a 1.5 degree line aligned with the black tape made alignment line **61** on the putter head **220**.

[0068] FIG. **16** is a conceptual view of a golf ball path when making the putt without making any adjustment on the putting angle. The golfer would miss the putt as illustrated in the FIG. **16**. FIG. **17** is a conceptual view of the golf ball path when the golfer uses the combination set of slope reading tool **10** and rotary clip head with angle plate **20** to execute the putting stroke for more confident and accurate putting.

[0069] There is another way to set up the putting direction. FIG. **18** is a front view showing the clip head **21** is clipped side way onto the putter shaft **210**. The rotary clip head **21** should be rotated to the position where the angle plate **27** is in parallel with the putter face **222** (as shown in FIG. **19**) instead of perpendicular to the putter face (as shown in FIG. **11**). Make sure the 0 degree line **33** on the angle plate is in parallel with the target line **62** on the putter head as shown in FIG. **20**. No alignment line **61** on the putter head is required in this case.

[0070] After aiming the central line of the golf ball at the center of the hole, place the putter on the green in the position where the 0 degree line **33** on the angle plate lines up with the central line **35** of the golf ball **401** forming a straight line as shown in FIG. **21**. According to the bubble level reading, for example, if the bubble level reading is 3 degree on the right, place the golf ball in a position where its central line **35** lines up with the 3 degree line **32** on the right side of the angle plate **27** as shown in FIG. **22**. Now do not move the golf ball, line up the target line **62** on the putter head with the central line **35** of the golf ball to set up the putting direction as shown in FIG. **23**. Rotate the angle plate **27** away from the ball so that the angle plate does not interfere with the putt. Then, the user can make the putt in this putting direction as shown in FIG. **24**.

[0071] There is still another way to set up the correct putting direction. In this way, only the angle plated **27** is required. First, aim the central line **35** of the golf ball to the center of the hole. Then place the angle plate **27** on the green in front of the golf ball **401** in a position where the 0 degree line **33** on the angle plate lines up with the central line **35** of the golf ball as shown in FIG. **25**. Based on the bubble level reading, for example, if 3 degree on the right is shown in the bubble level, then line up the central line **35** of the golf ball with the 3 degree line **32** on the right side of the angle plate **27** as shown in FIG. **26**. Remove the angle plate **27** from the green, line up the target line **62** on the putter head with the central line **35** of the golf ball and make the putt in this direction as shown in FIG. **27**.

[0072] While there have been shown and described and pointed out the fundamental novel features of the invention as applied to the preferred embodiments, it will be understood that the foregoing is considered as illustrative only of the principles of the invention and not intended to be exhaustive or to limit the invention to the precise forms disclosed. Obvious modifications or variations are possible in light of the above teachings. The embodiments discussed were chosen and described to provide the best illustration of the principles of the invention and its practical application to enable one of ordinary skill in the art to utilize the invention in various embodiments and with various modifications as are suited to the particular use contemplated All such modifications and variations are within the scope of the invention as determined by the appended claims when interpreted in accordance with the breadth to which they are entitled.

What is claimed is:

1. A combination set of golf tool for improving accurate putting, the combination set of golf tool comprising:

a slope reading tool for determining a slope degree; and

a rotary clip head with angle plate for removably and rotatably attaching to a golf putter shaft, the rotary clip head with angle plate including:

a rotary clip head for removably and rotatably attaching to the golf shaft; and

an angle plate having degree lines on its top removably or permanently attaching to the clip head, when the angle plate is permanently attached to the clip head, a black tape is adhered on the putter head or a straight line of any color drawn on the putter head is made as an alignment line; and

fastening means for securing the angle plate to the rotary clip head;

wherein the angle plate is rotated with the rotation of the clip head around the golf putter shaft.

2. The combination set of golf tool of claim **1**, wherein the angle plate has a fabric fastener at its bottom; and the clip head has a plastic clip for attaching to a golf putter shaft; a foam lining within the plastic clip; a plastic plate connected with the plastic clip; and a fabric fastener stuck to the top of the plastic plate for receiving the fabric fastener at the bottom of the angle plate.

3. The combination set of golf tool of claim **1**, further comprising an adhesive black striping tape for marking an alignment line on the putter head to be in perpendicular to a target line on the putter head.

4. The combination set of golf tool of claim **1**, wherein the slope reading tool is a bubble level which has degree lines with a distance of 4 mm between two adjacent degree lines.

5. The combination set of golf tool of claim **4**, wherein the combination set comprises a bigger angle plate for use with a heel shafted putter and a smaller angle plate for use with a near heel shafted putter.

6. The combination set of golf tool of claim **4**, wherein the angle plate is made from plexiglass and has a thickness of approximately 1/16 inches and a curvature of a circle of 90 mm diameter and a radial length of 4 mm between two adjacent degree lines.

7. A method for using a set of golf tool for improving accurate putting, the method comprising steps of:

placing a slope reading tool in front of a golf hole to measure a slope degree around the golf hole;

getting a rotary clip head with angle plate which comprises a rotary clip head and an angle plate, the angle plate having a plurality of degree lines including a zero degree line at the center, the angle plate being detachably attached to or permanently fixed to the clip head;

clipping the rotary clip head to the shaft in the position where the zero degree line of the angle plate lines up with an alignment line and is perpendicular to a target line of the putter head;

rotating the rotary clip head such that the alignment line of the putter head is lined up with the angle plate's degree line that corresponds to the slope degree determined by the slope reading device;

aiming the central line of the golf ball at the center of the golf hole;

placing the putter on the putting green in a position where the zero degree line is perpendicular to the central line of the golf ball;

when holding the putter in this position, rotating the golf ball so that it's central line is lining up the target line on the putter head forming a straight line; and

making a putt in this direction;

wherein the alignment line is the putter head edge that is contact with a golf ball or a marked or tape made line on the putter head and which is perpendicular to the target line on the putter head.

8. The method for using the combination set of golf tool of claim **7**, further comprising a step of:

attaching the angle plate to the clip head such that zero degree line of the angle plate lines up with an alignment line and is perpendicular to a target line of the putter head as a set up position before rotating the clip head according to the bubble level reading.

9. The method for using the combination set of golf tool of claim **8**, further comprising steps of:

following the step of rotating the clip head such that the alignment line of the putter head is lined up with the angle plate's degree line that corresponds to the slope degree determined by the slope reading device;

holding the putter on the putting green in a position to make the zero degree line perpendicular to a central line of a golf ball; and

when holding the putter in this position, rotating the golf ball so that the central line of the ball lines up with the target line of the putter head forming a straight line before the step of making a putt.

10. A method for using a set of golf tool for improving accurate putting, the method comprising steps of:

placing a slope reading tool in front of a golf hole to measure a slope degree around the golf hole;

getting a rotary clip head with angle plate which comprises a rotary clip head and an angle plate, the angle plate having a plurality of degree lines including a zero degree line at the center, the angle plate being detachably attached to or permanently fixed to the clip head;

clipping the rotary clip head with angle plate side way onto a putter shaft;

rotating the rotary clip head to the position where the angle plate is in parallel with the putter face and the zero degree line on the angle plate is in parallel with the target line on the putter head;

aiming the central line of the golf ball at the center of the golf hole;

placing the putter on the green in the position where the zero degree line on the angle plate lines up with the central line of the golf ball forming a straight line;

when holding the putter in this position, rotating the golf ball so that its central line is lining up the angle plate's degree line that corresponds to the slope degree determined by the slope reading device;

without moving the golf ball, moving the putter to line up the target line on the putter head with the central line of the golf ball to set up the putting direction;

rotating the angle plate away from the golf ball; and

making a putt in this direction.

11. A method for using a set of golf tool for improving accurate putting, the method comprising steps of:

placing a slope reading tool in front of a golf hole to measure a slope degree around the golf hole;

getting an angle plate which has a plurality of degree lines including a zero degree line at the center;

aiming the central line of the golf ball at the center of the golf hole;

placing the angle plate on the green in front of the golf ball in a position where the zero degree line on the angle plate lines up with the central line of the golf ball forming a straight line;

lining up the central line of the golf ball with the angle plate's degree line that corresponds to the slope degree determined by the slope reading device;

removing the angle plate from the green; and

lining up the target line on the putter head with the central line of the golf ball and making a putt in this direction.

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