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ADAPTIVE EQUIPMENT AND REHABILITATION PRODUCTS
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KAYE DYNAMIC STANDER, MODEL DS3, AND ACCESSORIES (effective 9/10/2007)

These are the user instructions for the DS3 Kaye Dynamic Stander and accessories. All people who set-up, adjust, and use these items should first read these entire instructions. Please store these instructions for future reference.

USE

The DS3 is designed as a multipositional stander that supports the user in a standing position while at the same time permits movement within the base of support when the client is safely aligned in a standing position.. It is designed for users who do not have adequate balance, weight shift or postural control to stand and walk unaided.

SIZE AND WEIGHT LIMITS

The DS3 is appropriate for users up to 10 years old and 120 pounds.

Assembly

The DS3 is completely assembled except that the thoracic cushion and its aluminum rod are mounted upside down for shipping. (See the left top of Figure 1). Loosen knobs M, slide the rod out, and re-install the rod and the cushion so that they are turned as shown.

HEIGHT ADJUSTMENT

Adjust the DS3 height so that the pelvic support is level with the user's hips. Refer to Figure 1 and adjust the pelvic support height as follows:

1. Remove the user from the stander.
2. Support the weight of the pelvic support.
3. Loosen knobs "G" and "H."
4. Slide the vertical extension up or down, as needed.
5. Retighten both knobs **very securely**.

LOWER CUSHION/KNEE CUSHION ADJUSTMENT

To adjust the height of the knee cushion, refer to Figure 1 and do the following:

1. Support the weight of the cushion.
2. Loosen knob "I."

3. Slide the assembly up or down, as needed.
4. Retighten the knob "I" **very securely**.
5. The user's knees should go below this cushion to prevent pressure on the knees.

SHOE CLAMP ADJUSTMENT

The shoe clamps may need to be adjusted with user in place to ensure that the clamps fit securely against the user's shoes. Refer to Figures 1 and 2 and adjust the clamps as follows:

1. Loosen knobs "J."
2. Position the user's feet as desired.
3. Position the clamps to secure the feet in place.
4. Retighten all eight knobs "J."

HEEL STOP ADJUSTMENT

The heel stop can be removed or adjusted forward and backward by using the latches located at "X" in Figure 2.

PELVIC STABILIZER DEPTH ADJUSTMENT

Loosen the knobs indicated by "K" in Figure 1. Adjust the rear pelvic stabilizer depth so that it fits snugly around the pelvis and aids hip extension.

Be sure the two sides are adjusted the same.

PELVIC STABILIZER LATERAL CUSHION ADJUSTMENT

Refer to Figure 1 and adjust the lateral cushions as follows:

1. Loosen knobs "L" (one per side).
2. Reposition the cushions.
3. Retighten knobs "L."

THORACIC SUPPORT INSTALLATION AND ADJUSTMENT

The thoracic support helps provide upper back alignment and should not be used as a head cushion.

Refer to diagram 1 and reposition the thoracic support as follows:

1. Loosen knobs "M."
2. Adjust the cushion-height.
3. Retighten knobs "M."

TRAY INSTALLATION & REMOVAL

Refer to Figures 1 and 3 and install and remove the tray as follows:

1. The tray latches are located on the underside of the tray. Rotate the loops forward, then out, then down, to the "unlatched" position (see Figure 3).
2. Slide the tray onto the stander, so that the inside of the tray's cutout fits between the tray support "O" and tray guides "P." Slide the tray fully back. (See Figure 1).
3. Rotate the loops of the tray latches forward, then in, then down, to the "latched" position, as shown in Figure 3. When latched, the end of the loop must be positioned inside the channel.
4. Pull the tray forward to ensure that it is secure.
5. To remove the tray, reverse the above steps.

OPTIONAL LATERAL KNEE SUPPORT CUSHIONS

Optional, lateral knee support cushions, model VS1-K, can be added to the stander, as shown in Figure 1. Install and adjust the lateral knee cushions as follows:

1. The lateral knee cushions, if ordered, will ship separately.
2. Orient the optional cushions as shown in Figure 1. Align these so that bolts "Q" project into the slot in the metal brackets.
3. Place a flat washer and knob on the longer of the bolts "Q" and securely tighten. (The knobs and washers ship with the optional cushions.)
4. To adjust the lateral knee support cushions: loosen knobs "Q"; reposition the cushions; and retighten the knobs.

OPTIONAL ABDUCTOR

An optional abductor, model A3-D, can be added to the stander, as shown in Figure 1. Install and adjust the abductor as follows:

1. The abductor, if ordered, will ship separately.
2. Orient the optional abductor as shown in Figure 1. Note that there are three bolts that protrude from the base of the abductor. These should protrude into the three holes that are located below the stander's lower cushion.

3. Securely tighten knob "R" to attach the abductor.

4. To adjust the width of the abductor: loosen knobs "S"; reposition the cushions; and retighten the knobs.

LOCKING OUT MOVEMENT

NOTE: When a client transfers into and out of the DS3, it is important to lock out all movement of the stander. To do this:

1. Locate the two flat horizontal aluminum bars near the top of the stander. When locked, these bars form a horizontal "V". They have a label stating "To lock vertically, pivot these two arms diagonally forward and fit both of them over the vertical pin at the front of the vertical post."
2. Pivot the two horizontal bars diagonally and fit the hole in the end of the bars over the vertical pin at the front of the square aluminum vertical post.
3. Locate the latches on the undersides of the locking bars. There is one latch on each bar.
4. Rotate these latches so that they are parallel and completely hidden by the flat bars. This locks the bars in place and stops all movement of the stander.
5. To unlock, rotate these latches so that they can be seen on the outsides of the flat bars.
6. Lift each flat aluminum bar over the vertical post and rotate them toward each other and away from the center post. Movement is now possible and can be set according to the instructions that follow.

Adjusting the Spring Loaded Crank to Adjust Movement

This feature on the DS3 is designed to alter the amount of movement that is possible in the stander. There are several reasons why the therapist might want to change this setting. These are not precise adjustments and will need to be altered to meet the goals set for each individual client.

1. If the client is fearful of movement in standing, **increase** the tension on the springs by turning the handle counter clockwise. This will limit the amount of movement that the client experiences.
2. If the client is small or light weight, **decrease** the tension on the springs by turning the handle clockwise to make it easier to produce movement.
3. If the client needs to practice wide excursions of movement, **decrease** the tension on the springs by turning the handle clockwise. This will make wider excursions possible.
4. If the client needs to practice matching postural adjustments to function, the movement will need to be damped down. **Increase** the tension on the springs by turning the handle counter clockwise to make this possible.

Note: The handle can be flipped over and folds in for storage or passage through doors.

Pelvic Support Opening, Closing and Locking in Place

Always support the user before opening the pelvic support and while the support is open.

Refer to Figures 4 and 5 to locate and operate the latches that lock and unlock the pelvic support.

1. Locate the latches "L" on Figures 4 and 5. These permit hinging open the pelvic support to facilitate the entry and exit of the user.
2. In figure 4, the two latches are pivoted to the left, which permits the pelvic support to be hinged open.
3. To latch the pelvic support closed, and secure the user in the standing position, align the latches with the ¼" wide slot in the large square aluminum tube "T". Note that there are two latches, one on top and a second one on the bottom.
4. Pivot both of the latches to the right as far as they will go so that they fit into the slot in "T" and secure the user in the stander.

5. **Important:** The black cap nuts "N" must be tight enough, especially the bottom one, so that the friction prevents accidental opening of the latches. Check this frequently and tighten as needed.

MAINTENANCE AND CARE

1. Inspect the products regularly. Tighten the hardware as necessary.
2. If an item needs service or spare parts, contact Kaye Products, Inc. or the distributor from whom you purchased the item.
3. If a problem is discovered that may impact the unit's function, immediately cease use and contact Kaye Products, Inc.
4. Do not expose the unit to rain or submerge it in water.
5. Use a slightly damp cloth to clean the unit, but wipe the dampness from the wood after cleaning it.
6. Avoid any undue stress to the unit while using, storing, or transporting it.
7. The use of two springs provides safety redundancy. However, if a spring should break, stop using the unit and contact Kaye Product, Inc.

LIMITED WARRANTY

If an item proves defective within two years of the original purchase, we will provide replacement parts in order to correct that defect. Normal wear and tear is not covered by the warranty.

Kaye Products, Inc. makes no other warranty, expressed or implied, and does not warrant the product as being fit for a particular purpose. The purchaser, owner, and user assume all risk of personal and property injury due to the use of the equipment.

CAUTIONS

1. Do not adjust the unit while in use.
2. Watch traffic patterns around the stander to ensure that others do not bump or knock the stander.
3. Do not use the unit if there are broken or missing parts.
4. Do not exceed the size or weight limits.
5. Do not alter the unit or use it in any way other than described herein.
6. Before use, always ensure that all of the hardware is fully tightened.
7. Do not leave the user unattended.

8. Always ensure that the pelvic support is in the locked position while it supports the user's weight.
9. Do not use the thoracic support as a head cushion.
10. Keep the casters locked unless you are intentionally moving the unit.
11. Keep the rear caster bases locked in place unless you are moving the unit.
12. Do not move the unit while in use.

QUESTIONS?

If you have any questions, comments, or requests, please contact Kaye Products, Inc.



Our authorized representative for the European Medical Device Directives is Advena, Ltd., 33 Bridge Street, Hereford HR4 9DQ United Kingdom.

DS3, Dynamic Stander, Fig. 1

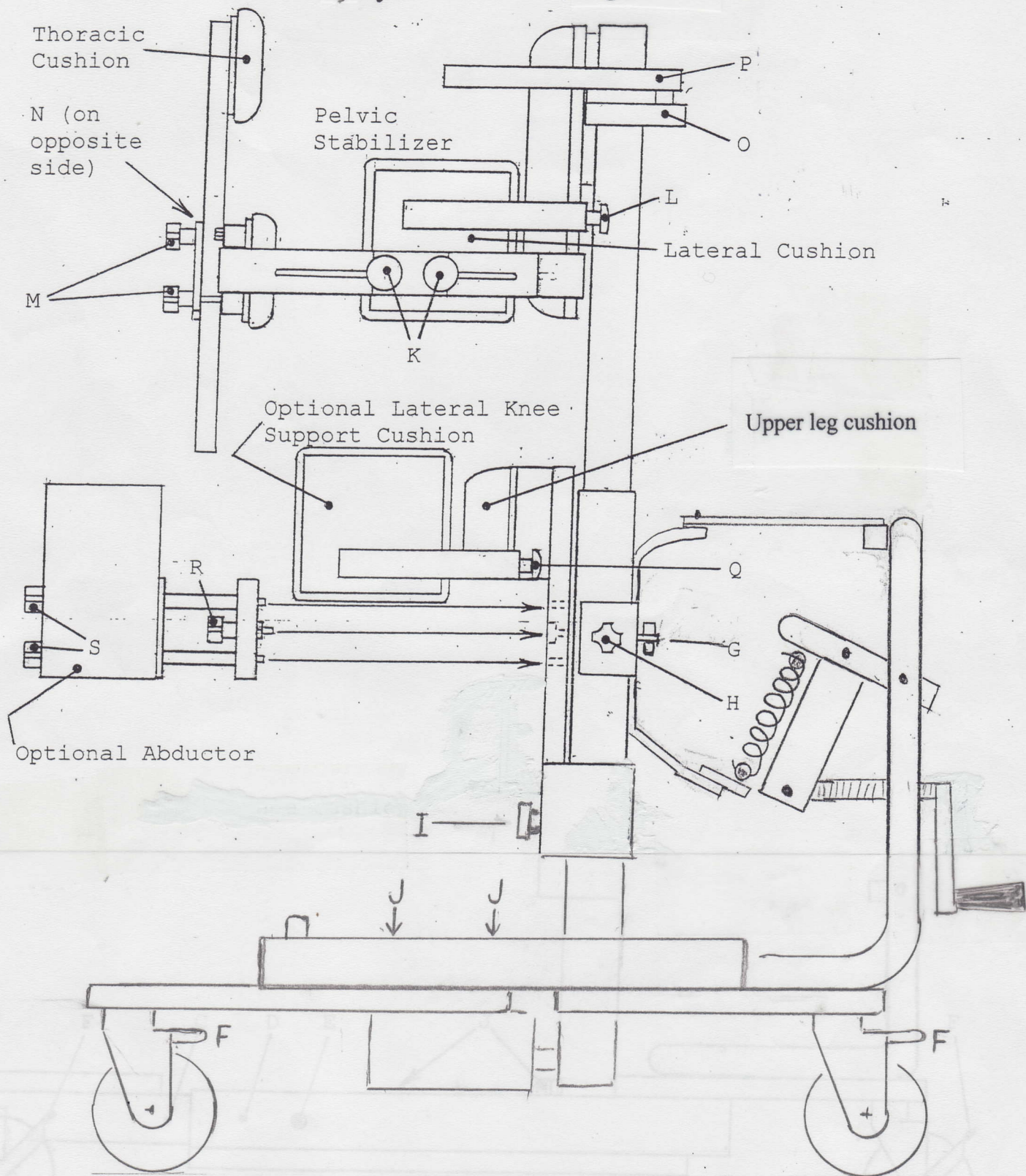
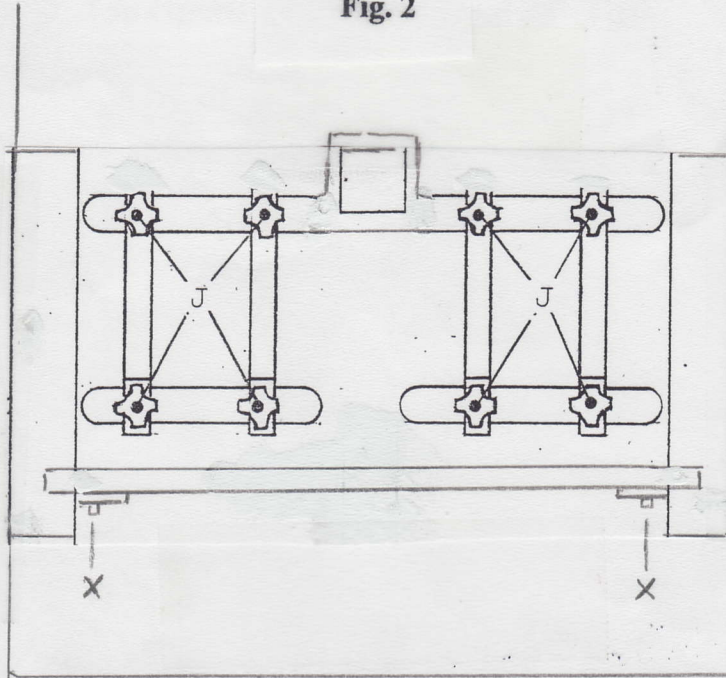
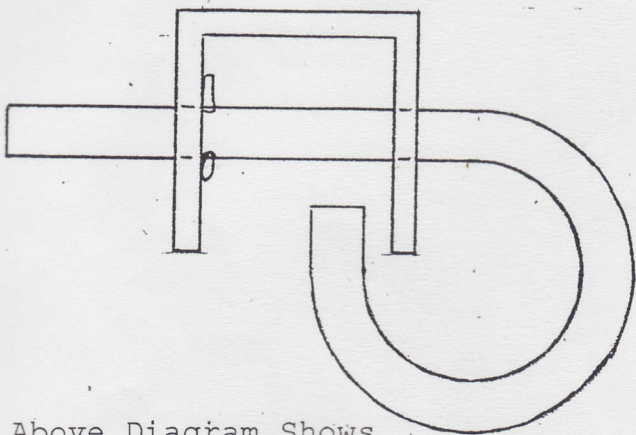


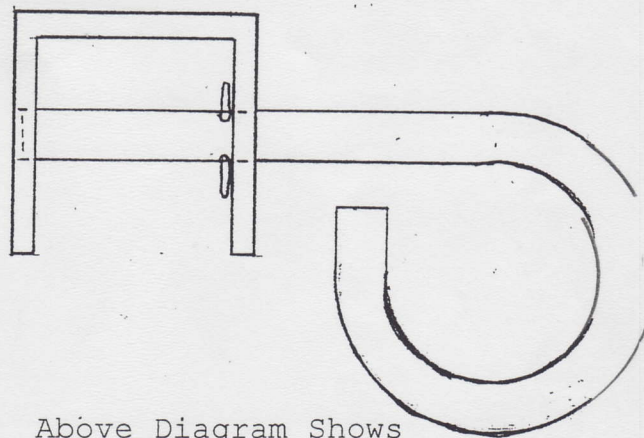
Fig. 2



Tray Latches, Fig. 3



Above Diagram Shows
Tray Latch **Latched**



Above Diagram Shows
Tray Latch **Unlatched**

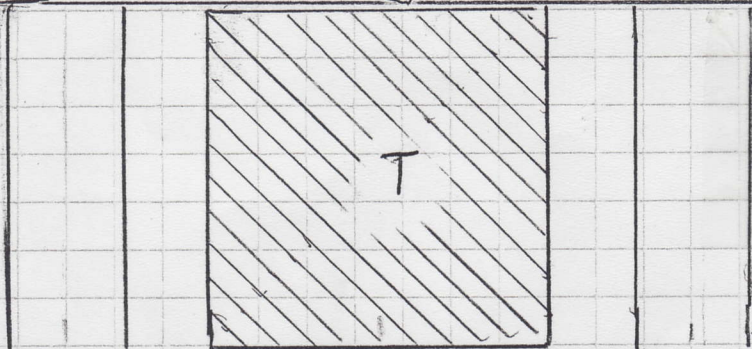
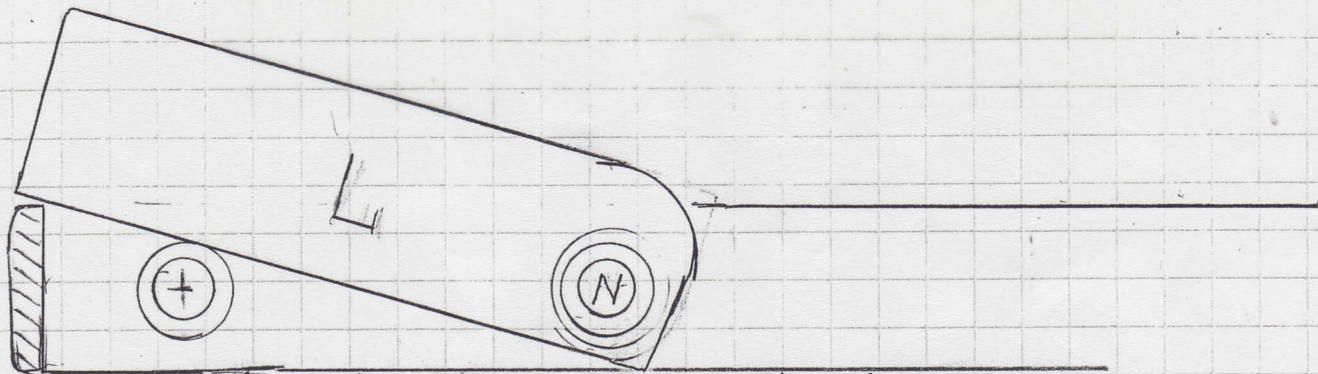


Fig. 4

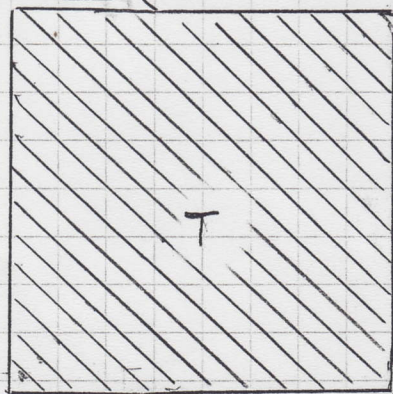
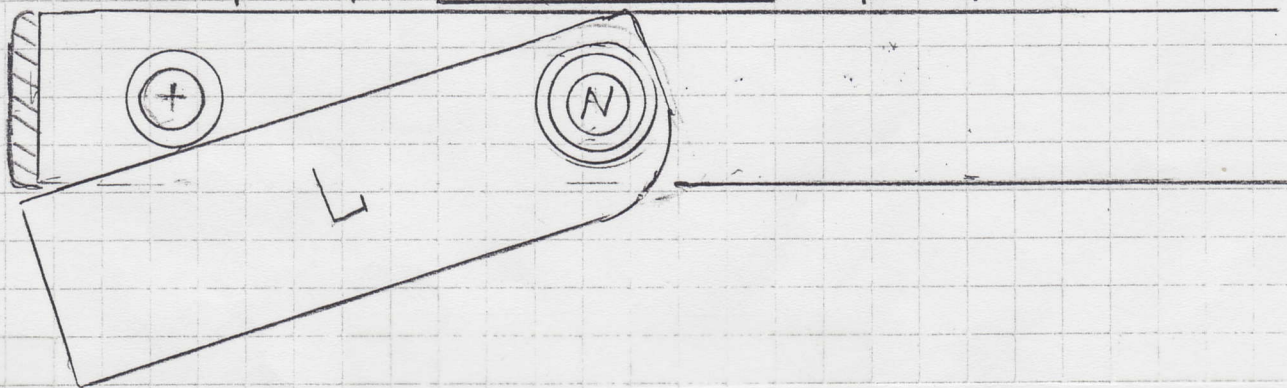


Fig. 5

