CLAIMS

1. An arrangement (A) ~~for releasably securing a weapon (W), said arrangement~~ comprising a fixed support member (10) and a locking member (20) spring loadedly and movably connected to the fixed support member (10), to releasably secure a weapon (W), ~~such that~~wherein when the weapon (W) is pressed towards the locking member (20), the locking member (20) is moved relative to the support member (10) from a closed position to an open position so that said weapon (W) is allowed to be introduced through an opening (O2) of the locking member (20) into a holding position of the locking member (20), and such that, when the weapon (W) is positioned in said holding position, the spring loaded locking member (20) is returned to said closed position by means of a spring force, **characterized in that** said arrangement (A) further comprises a guiding arrangement comprising a guide member (P2) and an arc shaped groove (14), wherein the guide member (P2) is suitable for running along said arc shaped groove (14) for controlling the movement of the locking member (20) in a restricted rotational movement, wherein said arc shaped groove (14) is arranged in said support member (10) and wherein the guide member (P2) is attached to said locking member (20).

2. ~~An~~ The arrangement according to claim 1, further comprising an actuator (50) arranged for moving the locking member (20) against a spring force into said open position for allowing said weapon (W) to be released.

3. ~~An~~ The arrangement according to claim 2, wherein said actuator is arranged onto said locking member (20).

4. ~~An~~ The arrangement according to any of claims 1-3, further comprising a spring member (30) connected between said fixed support member (10) and said locking member (20) so as to provide said spring load of the arrangement.

5. ~~An~~ The arrangement according to any of claims 1-4, wherein the locking member (20) is movably connected to the support member (~~20~~10) such that

the movement of the locking member (20) relative to the support member (10) is ~~a~~ the restricted rotational movement about a rotational centre (C1).

6. ~~An~~ The arrangement according to claim 5, wherein the locking member (20) is configured such that when the weapon (W) is in the holding position, ~~the~~ a centre (C2) of the weapon (W) is offset relative to the rotational centre (C1) of the locking member (20).

~~7. An arrangement according to any of claims 1-6, further comprising a guiding arrangement comprising a guide member (P2) and an arc shaped groove (14), wherein the guide member (P2) is configured to run along said arc shaped groove (14) for controlling the movement of the locking member (20) in the restricted rotational movement.~~

~~8. An arrangement according to claim 7, wherein said arc shaped groove (14) is arranged in said support member (10) and wherein the guide member (P2) is attached to said locking member (20).~~

~~9.~~7. ~~An~~ The arrangement according to any of claims 1-~~8~~6, wherein the locking member (20) has a horseshoe shaped portion providing said opening (O2).

~~10.~~8. ~~An~~ The arrangement according to claim ~~9~~7, wherein the opening (O2) comprises an angled portion so as to allow the locking member (20) to receive weapons of different sizes.

~~11.~~9. ~~An~~ The arrangement according to any of claims 1-~~10~~8, wherein said support member (10) has a cover portion (12a) ~~configured to~~suitable for ~~cover~~covering the opening (O2) of the locking member (20) in the closed position.

~~12.~~10. ~~An~~ The arrangement according to claim ~~11~~9, wherein said support member (10) has a claw shaped end portion (12) having a first arm portion (12a) constituting said cover portion (12a) and a second arm portion (12b),

said arm portions providing an opening (O1) there between for allowing the weapon (W) in the open position of the locking member (20) in which the opening of the locking member (O2) is ~~configured to~~ essentially suitable for ~~coincide~~coinciding with the opening (O1) of the support member (10).

~~13.~~11. ~~An~~ The arrangement according to claim ~~11~~ 9 or ~~12~~10, wherein the cover portion (12a) has an angled shape (12a-1) so as to allow the arrangement to receive weapons of different sizes.

~~14.~~12. ~~An~~ The arrangement according to any of claims 1-1~~1~~3, wherein said weapon (W) has a barrel (B) to be received by said arrangement (A).

~~15.~~13. A vehicle (V) comprising an arrangement (A) according to any of claims 1-~~14~~12.