Claims:

1. A safety mechanism for a coconut scraper (100), comprising:

a tool assembly (103) detachably coupled to a motor (106) of the coconut scraper (100), wherein the tool assembly (103) is configured to displace between a first position and a second position corresponding to load applied on the tool assembly (103);

wherein the tool assembly (103) is configured to displace between the first position and the second position, based on direction of load applied, along at least one of longitudinal axis A-A of the tool assembly (103) and at an inclined axis with respect to the longitudinal axis A-A of the tool assembly (103), and

an activation unit (107) communicatively coupled with the motor (106);

wherein, the tool assembly (103) is configured to activate the activation unit (107) at the second position, for powering the motor (106) of the coconut scraper (100).

2. The safety mechanism as claimed in claim 1, comprises a resilient member (108) provided between the tool assembly (103) and the activation unit (107), the resilient member (108) is configured to support the tool assembly (103) at the first position until load beyond a threshold is applied on the tool assembly (103).

3. The safety mechanism as claimed in claim 2, wherein the resilient member (108) is configured to deform corresponding to the load applied on the tool assembly (103) beyond the threshold, to facilitate displacement of the tool assembly (103) between the first position and the second position.

4. The safety mechanism as claimed in claims 1, wherein the tool assembly (103) is defined with a projection (110), receivable by the resilient member (108) for supporting the tool assembly (103).

5. The safety mechanism as claimed in claim 4, wherein the projection (110) is configured to contact the activation unit (107), at the second position of the tool assembly (103).

~~6. The safety mechanism as claimed in claim 1, wherein the tool assembly (103) is configured to displace between the first position and the second position along at least one of longitudinal axis A-A of the tool assembly (103) and at an inclined axis with respect to the longitudinal axis~~

~~A-A of the tool assembly (103).~~

6~~7~~. The safety mechanism as claimed in claim 1, wherein the tool assembly (103) comprises a scraper blade (104) and a gear box (105) detachably connected to the scraper blade (104).

7~~8~~. The safety mechanism as claimed in claim 1, wherein the activation unit (107) is at least one of a micro switch, a contact sensor and a non-contact sensor.

8~~9~~. The safety mechanism as claimed in claim 2, wherein the resilient member (108) is at least one of a spring and a polymeric material.

9~~10~~. A coconut scraper (100), comprising:

a base (101), accommodating a motor (106);

a bowl (102), positioned on the base (101);

a tool assembly (103) receivable by the bowl (102), and detachably coupled to the motor (106), wherein the tool assembly (103) is configured to displace between a first position and a second position corresponding to load applied on the tool assembly (103);

wherein the tool assembly (103) is configured to displace between the first position and the second position, based on direction of load applied, along at least one of longitudinal axis A-A of the tool assembly (103) and at an inclined axis with respect to the longitudinal axis A-A of the tool assembly (103); and

an activation unit (107) communicatively coupled to the motor (106);

wherein, the tool assembly (103) is configured to activate the activation unit (107) at the second position, for powering the motor (106) of the coconut scraper (100).

10~~1~~. The coconut scraper (100) as claimed in claim ~~10~~9, comprises a resilient member (108) provided between the tool assembly (103) and the activation unit (107), the resilient member (108) is configured to support the tool assembly (103) at the first position until load beyond a threshold is applied on the tool assembly (103).

11~~2~~. The coconut scraper (100) as claimed in claim 10~~1~~, wherein the resilient member (108) is configured to deform corresponding to the load applied on the tool assembly (103) beyond the threshold, to facilitate displacement of the tool assembly (103) between the first position

and the second position.

12~~3~~. The coconut scraper (100) as claimed in claims ~~10~~ 9 and 10~~1~~, wherein the tool assembly (103) is defined with a projection (110), the projection (110) is receivable by resilient member (108) for supporting the tool assembly (103).

13~~4~~. The coconut scraper (100) as claimed in claim 12~~3~~, wherein the projection (110) is configured to contact the activation unit (107), at the second position of the tool assembly (103).

~~15. The coconut scraper (100) as claimed in claim 10, wherein the tool assembly (103) is configured to displace between the first position and the second position along at least one of longitudinal axis A-A of the tool assembly (103) and at an inclined axis with respect to the longitudinal axis A-A of the tool assembly (103).~~

14~~6~~. The coconut scraper (100) as claimed in claim ~~10~~9, wherein the tool assembly (103) comprises a scraper blade (104) and a gear box (105) detachably connected to the scraper blade (104).

15~~7~~. The coconut scraper (100) as claimed in claim ~~10~~9, wherein the activation unit (107) is at least one of a micro switch, a contact sensor and a non-contact sensor.

16~~8~~. The coconut scraper (100) as claimed in claim 10~~1~~, wherein the resilient member (108) is at least one of a spring and a polymeric material.