

# SUMMARY OF FORMULATION LOGIC FOR AATRIZINVENTOR SOLUTION

## Work Paper

If you applied summary or abbreviated descriptions, have them available to review this logic.

Objective of the Innovation Challenge

Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk

Evaluated Object S1

FARMER - Type: Moving

Object S2 interacting with S1

Animal - Type: Moving

Physical Variable or Characteristic

Ability to move animal

the undesirable

With Less Ability to move animal xxxthere is undesirable effects, then there is More difficulty to :

Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk

the desirable

With More Ability to move animal there is desirable effect, then there is More ease to :

Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk

## TRIZ Innovation Parameters Evaluated

TRIZ Innovation Parameters	Undesirable Effect (UDE)/ Desirable Effect (DE)	Evaluate
10. Force/ Intensity	<p>FARMER : There is More difficulty to Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk because there is Less Force to move the animal</p> <p>Effect : undesirable</p>	<input data-bbox="1349 218 1463 306" type="checkbox"/> Yes <input data-bbox="1349 306 1463 394" type="checkbox"/> No
12. Shape / composition / configuration	<p>FARMER : There is More difficulty to Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk because there is Less Appropriate form to move the animal</p> <p>Effect : undesirable</p>	<input data-bbox="1349 508 1463 596" type="checkbox"/> Yes <input data-bbox="1349 596 1463 684" type="checkbox"/> No
14. Strength / Resistance	<p>FARMER : There is More difficulty to Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk because there is Less Strength to move the animal</p> <p>Effect : undesirable</p>	<input data-bbox="1349 798 1463 886" type="checkbox"/> Yes <input data-bbox="1349 886 1463 974" type="checkbox"/> No
21. Power/ Energy per unit of time	<p>FARMER : There is More difficulty to Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk because there is Less Power to move the animal</p> <p>Effect : undesirable</p>	<input data-bbox="1349 1087 1463 1176" type="checkbox"/> Yes <input data-bbox="1349 1176 1463 1264" type="checkbox"/> No
29. Fulfillment of desired outcome	<p>FARMER : There is More difficulty to Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk because there is Less Compliance with the desired movement of the animal</p> <p>Effect : undesirable</p>	<input data-bbox="1349 1377 1463 1465" type="checkbox"/> Yes <input data-bbox="1349 1465 1463 1554" type="checkbox"/> No
27. Reliability	<p>FARMER : There is More ease to Improve Movement of an animal pulled by a Farmer affected by the animal's reluctance to walk because there is More Reliability in moving the animal</p> <p>Effect : desirable</p>	<input data-bbox="1349 1667 1463 1755" type="checkbox"/> Yes <input data-bbox="1349 1755 1463 1843" type="checkbox"/> No