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 Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance

> Evaluated Object S1

FACIAL RECOGNITION INSPECTOR - Type: Moving

> Object S2 interacting with S1

PEOPLE TO RECOGNITION - Type: Moving

> Physical Variable or Characteristic

Ability for facial recognition

> the undesirable

With Less Ability for facial recognition there is undesirable effects, then there is More difficulty to :

Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance

> the desirable

With More Ability for facial recognition there is desirable effect, then there is More ease to :

Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance

TRIZ Innovation Parameters Evaluated

TRIZ Innovation Parameters	Undesirable Effect (UDE)/ Desirable Effect (DE)	Evaluate
1. Heaviness of moving object	FACIAL RECOGNITION INSPECTOR : There is More difficulty to Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance because there is More Heaviness due to work demand for facial recognition Effect : undesirable	Yes / No
12. Shape / composition / configuration	FACIAL RECOGNITION INSPECTOR : There is More difficulty to Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance because there is Less Appropriate form to perform facial recognition Effect : undesirable	Yes / No
26. Quantity of substance / Capacity gains	FACIAL RECOGNITION INSPECTOR : There is More difficulty to Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance because there is More Number of facial recognitions performed Effect : undesirable	Yes / No
28. Measurement accuracy	FACIAL RECOGNITION INSPECTOR : There is More difficulty to Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance because there is Less Measurement accuracy in facial recognition Effect : undesirable	Yes / No
35. Adaptability or versatility	FACIAL RECOGNITION INSPECTOR : There is More difficulty to Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance because there is Less Adaptability to the variability of faces of the people on whom facial recognition is performed Effect : undesirable	Yes / No

TRIZ Innovation Parameters	Undesirable Effect (UDE)/ Desirable Effect (DE)	Evaluate
37. Difficulty of detecting and measuring	FACIAL RECOGNITION INSPECTOR : There is More difficulty to Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance because there is More Difficulty in detecting facial features for facial recognition Effect : undesirable	Yes No
32. Ease of achieving desired outcome	FACIAL RECOGNITION INSPECTOR : There is More ease to Improve Facial recognition by a Facial Recognition Inspector affected by identification difficulties and poor performance because there is More Ease of achieving the desired result for facial recognition Effect : desirable	Yes No