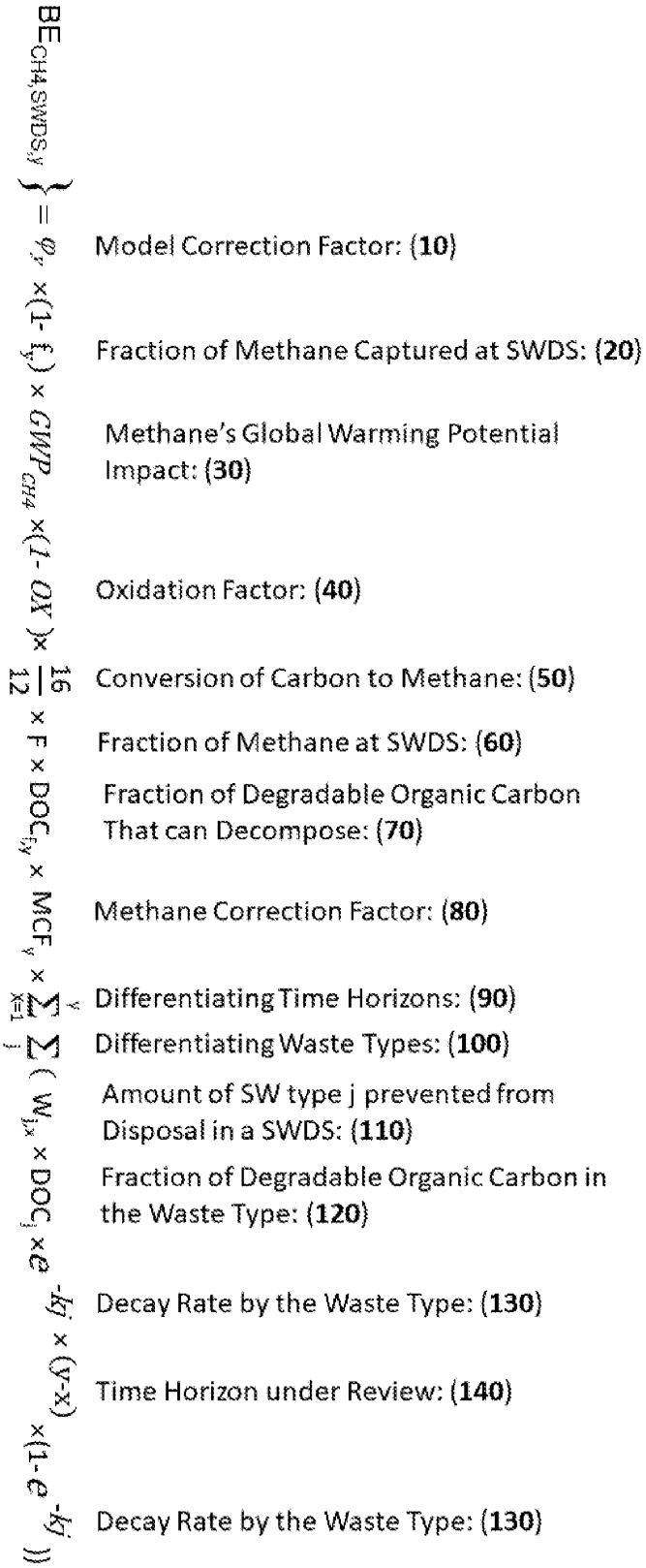
FIG. 1


$BE_{CH4,SWDS,y}\} = \emptyset_r \times (1- f_y) \times GWP_{CH4} \times (1- OX) \times \frac{16}{12} \times F \times DOC_{f,y} \times MCF_y \times \sum_{x=1}^{y} \sum_{j} (W_{j,x} \times DOC_j \times e^{-kj \times (y-x)} \times (1- e^{-kj}))$
Model Correction Factor: (10)
Fraction of Methane Captured at SWDS: (20)
Methane's Global Warming Potential Impact: (30)
Oxidation Factor: (40)
Conversion of Carbon to Methane: (50)
Fraction of Methane at SWDS: (60)
Fraction of Degradable Organic Carbon That can Decompose: (70)
Methane Correction Factor: (80)
Differentiating Time Horizons: (90)
Differentiating Waste Types: (100)
Amount of SW type j prevented from Disposal in a SWDS: (110)
Fraction of Degradable Organic Carbon in the Waste Type: (120)
Decay Rate by the Waste Type: (130)
Time Horizon under Review: (140)
Decay Rate by the Waste Type: (130)