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(54) **METHOD AND APPARATUS FOR
REDUCING SOLAR CELL DEGRADATION**

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ABSTRACT

Methods and systems for reducing solar cell degradation are provided. The methods and systems related to frequently applying large reverse bias current-voltage (J-V) sweeps to the cell to reduce the rates of internal degradation of the solar cells. The frequent sweeps serve to detrapp charge carriers formed in the cell due to photo-oxidative damage. This detrapping reduces the rate of power conversion efficiency (PCE) degradation throughout the life of the solar cell.

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