

# SUNFLOWER SEATING

JOHNSWALKERWORLDWIDE LLC

Title: Solar Panel Adapted to Fit Outdoor Seating

Inventor: Mark J. Walker

Attorney Docket No.: 2015-XX-XXX

Utility Patent 10092107B suggests the means by which an individual sports stadium seat may be embedded with bifacial photovoltaics which will seek to optimize current state of the art nano materials, optics & technologies to create 50-80 watts per unit

## Proposed Goal

- *Create a new paradigm for energy efficient sustainable sports stadiums, domestically and globally. There are more than 60 million sports stadium seats around the world.*
- *Develop the technology and produce a 200 seat project to study energy output. Analyze data and prove production design & manufacturing for mass production*
- *Generate Megawatts of power from sports stadium seating, currently wasted capacity, worldwide. Support high quality, state of the art domestic manufacturing capabilities*

## Funds and proposed applicant cost share

- *Requested funds as per prize awards / applicant continues outreach for additional funding / seeking high value materials and services at no/low cost*

*Mark Walker, Sunflower Seating principal & patent holder. Sid Katoly, Partner, MS Mechanical Eng., University of Massachusetts, Amherst, NABCEP*

*Key Assistance: a US Based Seating Manufacturer / Greentown Labs / Nation of Makers / Tarela Ebiotu*

*DMJ Studios / Ray Scheetz Consulting Group / William Howard / Bill MacLeod / Emma Roubtsov*

*Patrick F. O'Reilly III / Bigger Tuna Inc. / Seth Magalaner, Bloomberg / Kip Johnson, PowerFilm Solar*

*Randy Stewart, Prism Solar / Nicole Ryan*

