

Abstract Submitted
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Possible Applications and Limitations of Multi-Walled Carbon Nanotubes to Solar Energy Conversion ROBERT FRIEDFELD, SFASU
— Recent experimental work has shown that multi-walled carbon nanotubes (MWCNT) can behave like receiving antennas for visible light.[1] One possible application for this newly observed behavior for carbon nanotubes might be for solar energy conversion. Potential applications and limitations of this technology to solar energy conversion will be discussed.

1. Y. Wang et. al., Applied Physics Letters, Vol. 85, No. 13, 2004.

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