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Ultrasonic Spraying Thin Films of Carbon Nanotubes ANTHONY WILLEY, ROBERT DAVIS, RICHARD VANFLEET, AMY BALLS, Brigham Young University, JONATHAN ABBOTT — Carbon nanotubes have many interesting and useful properties, especially in terms of strength and electrical conductivity. However, they can be hard to work with because they are held together in bundles by strong Van der Waals forces. Much work has been performed in the ultrasonic spraying of liquid suspensions of single and multi-wall carbon nanotubes. The resulting thin films have a variety of applications, including electron transport in thin film photovoltaics.

Anthony Willey
Brigham Young University

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