



## **MECHANICAL ENGINEERING**

WHDA brings a deep understanding of mechanical engineering to each case, enhancing its chances for success. Our mechanical engineering group members have a vast and varied expertise, including hands-on experience with the mechanical arts. Our attorneys and agents think about problems three-dimensionally, then apply this to obtaining valid claims of broad scope. A sampling of representative technologies includes:

- › Automotive:
  - › Engine design and control
  - › Transmissions
  - › Body structures (interior and exterior)
  - › Drive train systems and controls
  - › Suspension and active vehicle dynamic control systems
  - › Steering systems
  - › Hybrid vehicle engine and control design
  - › Smart Cruise Control systems
- › Small engine design and controls
- › Green technology
- › Aviation
- › Machine tools and machining centers
- › Clean room equipment
- › Heat pumps and dehumidifiers
- › Structural support for buildings
- › Medical devices
- › Robotics
- › Linear bearings
- › Fluid dynamic bearings
- › Wastewater treatment and filtering
- › Power plants

### **Related Professionals**

- › Stephen G. Adrian
- › Thomas E. Brown
- › Michael J. Caridi
- › Cindy H. Chen
- › Ryan B. Chirnomas
- › Adele Critchley
- › Scott M. Daniels
- › Ken-Ichi Hattori
- › Sung-Hoon Kim
- › Sadao Kinashi
- › John P. Kong



- > Ching Kwok
- > Allen S. Melser
- > Tsuyoshi Nakamura
- > Yasuhide Ono
- > Stephen B. Parker
- > Nicolas E. Seckel
- > Linda J. Shapiro
- > Mao (John) Wang Ph.D.
- > Shuji Yoshizaki