

DR. ANTHONY GEOFFREY SHEARD

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Dr. Geoff Sheard is an internationally recognized mechanical engineer and independent expert witness with **20+ years of litigation experience** in industrial equipment, rotating machinery, and ventilation systems. Retained by both plaintiffs and defendants in matters involving **product failure, intellectual property, performance disputes, and personal injury**.

Experience includes **trial testimony, PTAB/IPR proceedings, arbitration, and pre-litigation dispute resolution**. Known for clear, technically rigorous, and defensible opinions grounded in engineering standards and first-principles analysis.

REPRESENTATIVE MATTERS

INTELLECTUAL PROPERTY & COMMERCIAL DISPUTES

Patent Invalidity (2026 – Ongoing)

Role: Technical expert for petitioner

Forum: USPTO / PTAB (IPR)

Issue: Validity of industrial equipment patent

Patent Infringement (2021–2024)

Role: Technical expert for plaintiff

Forum: U.S. District Court

Issue: Alleged infringement of industrial fan patent

Outcome: Court awarded damages in favor of plaintiff

Patent Infringement & Invalidity (2021–2022)

Role: Technical expert for defendant

Forum: PTAB / U.S. District Court

Issue: Alleged infringement; prior art analysis

Outcome: PTAB ruled claim invalid; case dismissed

Intellectual Property Theft (2021)

Role: Technical expert for defendant

Issue: Alleged copying of patented fan technology

Outcome: Settled out of court

False Advertising (2021–2024)

Role: Technical expert for plaintiff

Forum: U.S. District Court

Issue: Accuracy of competing technical performance claims

Outcome: Court awarded damages in favor of plaintiff

PERSONAL INJURY

Industrial Cooling Fan Injury (2026 – Ongoing)

Role: Technical expert for defendant

Issue: Alleged unsafe fan design and guarding

Status: Ongoing

PRODUCT FAILURE & PERFORMANCE DISPUTES

Industrial Fan Failure – AHU Fan Wall (2025–2026)

Role: Technical expert for manufacturer (defendant)

Issue: Repeated in-service fan failures

Outcome: Plaintiff paid outstanding invoices; cost recovery ongoing

Mine Ventilation Fan Failure (2002)

Role: Technical expert for defendant

Issue: Impeller failure and mine shutdown

Outcome: Settled; claimant paid redesign and replacement costs

Power Station Fan Failure (2001)

Role: Technical expert for defendant

Issue: Fatigue cracking during commissioning

Outcome: Settled; redesign implemented

Tunnel Ventilation Fan Failures (2006–2013)

Role: Technical expert for defendant

Issue: Blade failures, vibration, and acoustic non-compliance

Outcome: Multiple settlements; corrective actions implemented

As-Built vs As-Specified Performance (2015, 2019)

Role: Jointly retained independent expert

Issue: Contract compliance of ventilation equipment

Outcome: Equipment deemed compliant

Industrial Ventilation System Underperformance (2014)

Role: Technical expert for defendant

Issue: Alleged system-wide airflow and pressure shortfall following commissioning

Outcome: Analysis demonstrated compliance with design intent; claim resolved without remedial replacement

Full CV, publications, and detailed case list available upon request.