

July 6, 2023

## **Radulescu LLP to Host Gallium Nitride Industry Webinar:**

### **The Gallium Nitride (GaN) Transistor Patent Wars Have Begun**

*Discussion of the First Battle: Efficient Power Conversion (Calif.) Files Suit against Innoscience (China) in the U.S.*

**New York, New York** – Due to the importance of patents in the burgeoning Gallium Nitride (GaN) power device industry, attorneys from Radulescu LLP will host a webinar on **July 20, 2023** to discuss the opening battle in the long-anticipated “GaN Transistor Patent Wars.” Efficient Power Conversion Corp. (EPC) recently filed a pair of patent infringement complaints against Innoscience, the world’s largest dedicated 8-inch GaN-on-silicon wafer fab based in China. The complaints were filed with the U.S. Intl. Trade Commission (ITC) and in U.S. District Court (Los Angeles) alleging that Innoscience’s power HEMT devices infringe four EPC U.S. Patents.

The dispute has been characterized as a “defining moment for the GaN industry” and as involving “core” patents. One news outlet has also reported “New US GaN patent war may cripple exports of top China vendor.” These topics, as well as the following will be addressed, which should be of interest to any company involved in the power GaN/SiC device market:

1. Introduction to the Players
  - a. Background on EPC (fabless) & Innoscience (Partners with Aixtron, imec and ASML)
  - b. Respective Market Positions and Patent Portfolios: 57 versus 22 U.S. Patents
2. EPC’s First Shot Across the Bow
  - a. Analysis of Complaint & Evidence of Infringement
    - i. Four Patents Asserted to be Infringed
    - ii. Two Accused Product Lines: LV and HV e-mode GaN HEMTs
  - b. What do the Patents cover (and not cover): “Core” technology?
    - i. Mg-doping of MOCVD-grown GaN: “compensated GaN” gates
    - ii. e-mode GaN Transistors made with 3 photoresist/etching steps
    - iii. e-mode GaN Transistors with self-aligned gate “ledges”
  - c. Infringement/Noninfringement: Balanced Discussion of the Strengths/Weaknesses
  - d. EPC’s Objective: Achievable or not based on present trajectory & evidence?
3. Innoscience’s Initial Response: Analysis of its first Press Release
  - a. Innoscience calls the suits “malicious,” an “illegal competition tactic” and asserts that it has “promptly conducted a thorough analysis and confirmed that there is no infringement”
  - b. Substance, Missing Substance and/or Misguided Puffery?
  - c. Can Innoscience Succeed in the Battle and/or War on EPC’s turf?
4. Conclusions, Predictions and Potential Outcomes
  - a. Balanced Discussion of Potential Paths to Victory/Defeat for both Players
  - b. Ramifications for other Industry Players

Participation is by confirmed reservation only. Industry executives, technologists, inside-counsel, friends and clients of RadIP are welcome. To sign up please contact RadIP at [events@radip.com](mailto:events@radip.com). The presentation will start at 11:00 am (EST) on July 20, 2023 and run for 1 hour.

#### **About Radulescu LLP**

Radulescu LLP is a patent litigation firm that specializes in cases where a deep understanding of the interplay between technology and legal issues is critical to a company’s litigation success. The firm is comprised of attorneys that have litigated more compound semiconductor patent infringement cases than any others in the U.S. See [www.radip.com](http://www.radip.com) for more details about the firm, including expertise and litigation experience that extends to a range of industries including semiconductors, electronics, communications, and materials.

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