

**United States Court of Appeals  
for the Federal Circuit**

---

**CHARLES SHAMOON,**  
*Appellant*

**v.**

**RESIDEO TECHNOLOGIES, INC., CENTRAL  
SECURITY GROUP - NATIONWIDE, INC.,**  
*Appellees*

**KATHERINE K. VIDAL, UNDER SECRETARY OF  
COMMERCE FOR INTELLECTUAL PROPERTY  
AND DIRECTOR OF THE UNITED STATES  
PATENT AND TRADEMARK OFFICE,**  
*Intervenor*

---

2021-1813, 2021-1814

---

Appeals from the United States Patent and Trademark  
Office, Patent Trial and Appeal Board in Nos. IPR2019-  
01335, IPR2019-01609.

---

**MANDATE**

---

In accordance with the judgment of this Court, entered  
August 8, 2023, and pursuant to Rule 41 of the Federal  
Rules of Appellate Procedure, the formal mandate is  
hereby issued.

FOR THE COURT

September 29, 2023  
Date

/s/ Jarrett B. Perlow  
Jarrett B. Perlow  
Clerk of Court