## UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT

17-1807, 17-2285, 17-2303

## JOHNS MANVILLE CORPORATION, JOHNS MANVILLE, INC.,

Appellants

v.

## KNAUF INSULATION SPRL, KNAUF INSULATION, INC.,

Cross-Appellants

Appeals from the United States Patent and Trademark Office in nos. IPR2015-01453, IPR2016-00130
Administrative Patent Judge James A. Worth, Administrative Patent
Judge Kristina M. Kalan, Administrative Patent Judge Scott A. Daniels

## **MANDATE**

In accordance with the judgment of this Court, entered July 13, 2018, and pursuant to Rule 41(a) of the Federal Rules of Appellate Procedure, the formal mandate is hereby issued.

FOR THE COURT

/s/ Peter R. Marksteiner Peter R. Marksteiner Clerk of Court

