

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE OFFICE OF THE UNDER SECRETARY OF COMMERCE  
FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED  
STATES PATENT AND TRADEMARK OFFICE

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SAMSUNG ELECTRONICS CO. LTD., and  
SAMSUNG ELECTRONICS AMERICA, INC.,  
Petitioner,

v.

VASU HOLDINGS, LLC,  
Patent Owner.

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IPR2025-00446 (Patent 8,886,181 B2)  
IPR2025-00447 (Patent 10,206,154 B2)  
IPR2025-00448 (Patent 10,368,281 B2)  
IPR2025-00449 (Patent 10,368,281 B2)  
IPR2025-00450 (Patent 10,419,996 B2)<sup>1</sup>

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Before JOHN A. SQUIRES, *Under Secretary of Commerce for Intellectual  
Property and Director of the United States Patent and Trademark Office.*

ORDER

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<sup>1</sup> This order applies to each of the above-listed proceedings.

IPR2025-00446 (Patent 8,886,181 B2)  
IPR2025-00447 (Patent 10,206,154 B2)  
IPR2025-00448 (Patent 10,368,281 B2)  
IPR2025-00449 (Patent 10,368,281 B2)  
IPR2025-00450 (Patent 10,419,996 B2)

The Office received a request for Director Review of the Decision denying institution in each of the above-captioned cases and an authorized response to each request. *See* Papers 13, 14.<sup>2</sup>

Having reviewed the requests and responses, it is:

ORDERED that the requests for Director Review are denied.

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<sup>2</sup> Citations are to the record in IPR2025-00446. The parties filed similar papers in IPR2025-00447, IPR2025-00448, IPR2025-00449, and IPR2025-00450.

IPR2025-00446 (Patent 8,886,181 B2)  
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IPR2025-00450 (Patent 10,419,996 B2)

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