

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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MIANYANG BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.;  
WUHAN CHINA STAR OPTOELECTRONICS SEMICONDUCTOR DISPLAY  
TECHNOLOGY CO., LTD.; TIANMA MICROELECTRONICS CO., LTD.;  
AND VISIONIX TECHNOLOGY, INC.,  
Petitioner,

v.

SAMSUNG DISPLAY CO., LTD.,  
Patent Owner.

Case No. IPR2023-00988  
Patent No. 10,854,683

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**PATENT OWNER'S NOTICE OF CROSS-APPEAL**

Pursuant to 35 U.S.C. § 142 and 37 C.F.R. § 90.2, Patent Owner, Samsung Display Co., Ltd., hereby provides notice that it appeals to the United States Court of Appeals for the Federal Circuit from the Final Written Decision, entered January 6, 2025 (Paper 44), and from all underlying orders, decisions, rulings, and opinions regarding U.S. Patent No. 10,854,683 (“the ’683 patent”) entered in the above captioned proceeding before the Patent Trial and Appeal Board (“Board”).

In accordance with 37 C.F.R. § 90.2(3)(ii), Patent Owner submits that the appeal will address the Board’s decision concluding that Petitioner has shown, by a preponderance of the evidence, that claims 1, 4–10, 13, and 15 of the ’683 patent are unpatentable and any other issues decided against Patent Owner in any order, decision, ruling, or opinion.

Pursuant to 35 U.S.C. § 142 and 37 C.F.R. § 90.2(a), this Notice is being filed with the Director of the United States Patent and Trademark Office, and a copy of this Notice is being concurrently filed with the Patent Trial and Appeal Board. In addition, a copy of this Notice is being filed with the Clerk of the United States Court of Appeals for the Federal Circuit, along with an electronic copy of the Notice and the required docketing fee of \$600, which are being served electronically on the Court by CM/ECF and pay.gov.

Date: March 10, 2025

Respectfully submitted,

By       /Scott C. Weidenfeller/      

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Counsel for Patent Owner

## **CERTIFICATE OF SERVICE AND FILING**

I hereby certify that on March 10, 2025, in addition to being filed and served electronically through the Patent Trial and Appeal Board's P-TACTS System, this NOTICE OF CROSS-APPEAL was filed with the Director of the United States Patent and Trademark Office via Priority Mail Express at the following address:

Director of the United States Patent and Trademark Office  
c/o Office of the General Counsel  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

I also hereby certify that on March 10, 2025, this NOTICE OF CROSS-APPEAL and the requisite docketing fees were filed with the Clerk's Office of the United States Court of Appeals for the Federal Circuit vis CM/ECF.

I also hereby certify that on March 10, 2025, this NOTICE OF CROSS-APPEAL was served via electronic mail to the following counsel at the addresses designated for service by Petitioner:

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Respectfully submitted,

By /Scott C. Weidenfeller/

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