UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

v.

SAMSUNG DISPLAY CO., LTD.
Patent Owner.

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

DECLARATION OF ARIS K. SILZARS, Ph.D.

I, Aris K. Silzars, Ph.D., declare and state, to the best of my knowledge, understanding, and belief, as follows:

1. I am an independent consultant in the field of display technology.

2. I was asked by counsel for Samsung Display Co. Ltd. to tear down and obtain photographs from replacement AMOLED displays that I understand were purchased from Apt-Ability, LLC d/b/a MobileSentrix ("MobileSentrix"); Mobile Defenders, LLC ("Mobile Defenders"); Injured Gadgets, LLC ("Injured Gadgets"); Group Vertical, LLC ("Group Vertical"); Electronics Universe, Inc. d/b/a Fixez.com ("Fixez"); Electronics Universe, Inc. d/b/a Repairs Universe, LLC ("Repairs Universe"); LCTech International Inc. d/b/a SEGMobile.com ("SEGMobile"); Sourcely Plus LLC ("Sourcely Plus"); eTech Parts, LLC ("eTech Parts"); Parts4Cells, Inc. ("Parts4Cells"); Wholesale Gadget Parts, Inc. ("Wholesale Gadget Parts"); Captain Mobile Parts, Inc. ("Captain Mobile Parts"); DFW Imports LLC d/b/a DFW Cellphone and Parts ("DFW"); Phone LCD Parts LLC ("Phone LCD Parts); Parts4LCD; Mengtor Inc. ("Mengtor"); and Gadgetfix Corp. ("Gadgetfix").

3. Exhibit 2044[1] contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Group Vertical.

[1] Exhibit numbers were assigned to me by counsel for Patent Owner.

4. Exhibit 2045 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Phone LCD Parts.

5. Exhibit 2046 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Sourcely Plus.

6. Exhibit 2047 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from eTech Parts Plus.

7. Exhibit 2048 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Parts4LCD.

8. Exhibit 2049 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from MobileSentrix.

9. Exhibit 2050 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Mobile Defenders.

10. Exhibit 2051 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Injured Gadgets.

11. Exhibit 2052 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Fixez.

12. Exhibit 2053 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Repairs Universe.

13. Exhibit 2054 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from SEGMobile.

14. Exhibit 2055 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Parts4Cells.

15. Exhibit 2056 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Wholesale Gadget Parts.

16. Exhibit 2057 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Captain Mobile Parts.

17. Exhibit 2058 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from DFW.

18. Exhibit 2059 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Mengtor.

19. Exhibit 2060 contains true and accurate copies of product packaging and teardown photographs taken from the AMOLED display sample purchased from Gadgetfix.

I declare that all statements made herein of my own and acquired knowledge are true and that all statements made on information and belief are believed to be true. I further declare that all statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Executed on MARCH 21, 2024 in Sammamish, Washington.

Aris K. Silzars, Ph.D.