

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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SAMSUNG DISPLAY CO., LTD.,  
Petitioner,

v.

JOLED INC.,  
Patent Owner.

Case No. IPR2021-00677  
Patent No. 10,198,992

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**DECLARATION OF MILTIADIS HATALIS, PH.D. IN SUPPORT OF  
PETITION FOR *INTER PARTES* REVIEW  
OF U.S. PATENT NO. 10,198,992**

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## I. INTRODUCTION

1. I, Miltiadis Hatalis, Ph.D., have been retained by counsel for Samsung Display Co. (“Samsung Display” or “Petitioner”) as an expert witness in support of Samsung Display’s petition for *Inter Partes* Review (“IPR”) and cancellation of claims 1–15 of U.S. Patent No. 10,198,992 (Ex. 1001, the “’992 patent”), which I am informed has been assigned to JOLED, Inc. (“JOLED” or “Patent Owner”).

2. My opinions are based on my years of education, research and experience, as well as my investigation and study of relevant materials. The materials that I studied for this declaration include all exhibits of the petition.

3. I may rely upon these materials, my knowledge and experience, and/or additional materials to rebut arguments raised by the patent owner. Further, I may also consider additional documents and information in forming any necessary opinions, including documents that may not yet have been provided to me.

4. My analysis of the materials produced in this investigation is ongoing and I will continue to review any new material as it is provided. This declaration represents only those opinions I have formed to date. I reserve the right to revise, supplement, and/or amend my opinions stated herein based on new information and on my continuing analysis of the materials already provided.

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