

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.,
Petitioner,

v.

TELEFONAKTIEBOLAGET LM ERICSSON,
Patent Owner

U.S. PATENT NO. 9,860,044

Case IPR2021-TBD

**DECLARATION OF DR. APOSTOLOS K. KAKAES, PH.D.
IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW OF U.S.
PATENT NO. 9,860,044**

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;

b.	Element [1.1]: “scheduling downlink transmissions to a first user terminal only on a single downlink component carrier associated with a primary cell and scheduling downlink transmissions to a second user terminal on multiple downlink component carriers or on a downlink component carrier associated with a non-primary cell;”	43
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a. “The method of claim 1, further comprising transmitting, on the single downlink component

...

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