

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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GOOGLE LLC  
Petitioner

v.

LS CLOUD STORAGE TECHNOLOGIES LLC  
Patent Owner

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U.S. Patent No. 10,154,092  
IPR2023-00120

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**EX. 1004**

**DECLARATION OF DR. PAUL FRANZON, PH.D.**

Google Exhibit 1004

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