

Filed on behalf of: Nichia Corporation

Paper \_\_\_\_\_

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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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LOWE'S COMPANIES, INC.,  
LOWE'S HOME CENTERS, LLC AND L G SOURCING, INC.,  
Petitioner,

v.

NICHIA CORPORATION,  
Patent Owner.

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Case IPR2017-02011  
Patent 8,530,250

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**PATENT OWNER'S PRELIMINARY RESPONSE**

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