

Filed on behalf of: Nichia Corporation

Paper _____

By: Martin M. Zoltick, Lead Counsel
Robert P. Parker (*pro hac admission pending*)
Derek F. Dahlgren (*pro hac admission pending*)
Michael H. Jones, Back-up Counsel
Mark T. Rawls, Back-up Counsel
ROTHWELL, FIGG, ERNST & MANBECK, P.C.
607 14th Street, N.W., Suite 800
Washington, DC 20005
Phone: 202-783-6040
Facsimile: 202-783-6031
Emails: mzoltick@rfem.com
rparker@rfem.com
ddahlgren@rfem.com
mjones@rfem.com
mrawls@rfem.com

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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

v.

NICHIA CORPORATION,
Patent Owner.

Case IPR2018-00601
Patent 9,490,411

PATENT OWNER'S PRELIMINARY RESPONSE

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