UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

FACEBOOK, INC., WHATSAPP INC., and APPLE INC., Petitioner

v.

UNILOC 2017 LLC Patent Owner

Case IPR2017-01668¹ Patent 8,724,622 B2

ATTACHMENTS TO PETITIONER APPLE INC.'S NOTICE OF APPEAL

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¹Apple Inc., which filed a petition in IPR2018-00580, has been joined as a

petitioner in IPR2017-01668.

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IPR2017-01668 U.S. Patent No. 8,724,622

Attached hereto are copies the Board's Final Written Decision and Denial of

Request for Rehearing, which are already part of the record in this proceeding, as

noted in Petitioner Apple Inc.'s Notice of Appeal.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

/Jason D. Eisenberg/

Jason D. Eisenberg, Reg. No. 43,447 Attorney for Petitioner Apple Inc.

Date: July 16, 2019 1100 New York Avenue, N.W. Washington, D.C. 20005 (202) 371-2600

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

FACEBOOK, INC., WHATSAPP INC., HUAWEI DEVICE CO., LTD., LG ELECTRONICS, INC., and APPLE INC., Petitioner,

v.

UNILOC 2017 LLC, Patent Owner.

Case IPR2017-01667¹ Patent 8,724,622 B2

FACEBOOK, INC., WHATSAPP INC., and APPLE INC., Petitioner,

v.

UNILOC 2017 LLC, Patent Owner.

Case IPR2017-01668² Patent 8,724,622 B2

¹ Huawei Device Co., Ltd. and LG Electronics, Inc., which filed a petition in Case IPR2017-02090, and Apple Inc., which filed a petition in Case IPR2018-00579, have been joined as petitioners in IPR2017-01667.

² Apple Inc., which filed a petition in Case IPR2018-00580, has been joined as a petitioner in IPR2017-01668.

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IPR2017-01667 IPR2017-01668 Patent 8,724,622 B2

Before JENNIFER S. BISK, MIRIAM L. QUINN, and CHARLES J. BOUDREAU, *Administrative Patent Judges*.

BOUDREAU, Administrative Patent Judge.

FINAL WRITTEN DECISION 35 U.S.C. § 318

I. INTRODUCTION

Facebook, Inc. and WhatsApp Inc. filed a Petition in each of the captioned proceedings on June 22, 2017, collectively requesting *inter partes* review of claims 3–8, 10–35, 38, and 39 of U.S. Patent No. 8,724,622 B2 ("the '622 patent"). IPR2017-01667, Paper 2 ("1667 Petition" or "1667 Pet."); IPR2017-01668, Paper 2 ("1668 Petition" or "1668 Pet."). Each proceeding challenges a different set of claims, as follows:

Proceeding	Challenged Claim Set of the '622 Patent
IPR2017-01667	3, 6–8, 10, 11, 13–23, 27–35, 38, 39
IPR2017-01668	4, 5, 12, 24–26

See 1667 Pet. 1; 1668 Pet. 1. Patent Owner³ filed a Preliminary Response to each Petition. IPR2017-01667, Paper 6 ("1667 Prelim. Resp."); IPR2017-

³ Uniloc Luxembourg S.A. was initially identified as the owner of the '622 patent. *See, e.g.*, IPR2017-01667, Paper 3, 1. In Updated Mandatory Notices filed August 25, 2018, Uniloc 2017 LLC is identified as the owner of the '622 patent. IPR2017-01667, Paper 30; IPR2017-01668, Paper 28.

IPR2017-01667 IPR2017-01668 Patent 8,724,622 B2

01668, Paper 6 ("1668 Prelim. Resp."). We instituted *inter partes* review pursuant to 35 U.S.C. § 314 as to all challenged claims. IPR2017-01667, Paper 8 ("1667 Dec. on Inst."); IPR2017-01668, Paper 8 ("1668 Dec. on Inst."). During the pendency of the proceedings, Huawei Device Co., Ltd. and LG Electronics, Inc. filed a petition and motion for joinder requesting to join IPR2017-01667, which we granted. IPR2017-01667, Paper 12. Similarly, Apple Inc. filed petitions and motions for joinder requesting to join IPR2017-01667 and IPR2017-01668, which we also granted. IPR2017-01667, Paper 29; IPR2017-01668, Paper 27.

Subsequent to institution, Patent Owner filed a Patent Owner Response in each case. IPR2017-01667, Paper 17 ("1667 PO Resp."); IPR2017-01668, Paper 16 ("1668 PO Resp."). Petitioner⁴ then filed Replies. IPR2017-01667, Paper 24 ("1667 Reply"); IPR2017-01668, Paper 22 ("1668 Reply"). Patent Owner also filed a Motion to Exclude as Paper 21 in each case ("Mot. Excl."), and Petitioner filed an Opposition as Paper 24 in each case ("Opp'n"). We held a consolidated oral argument in both proceedings, as well as in related proceeding IPR2017-01428, on August 30, 2018. A transcript of the oral hearing ("Tr.") has been entered into the record of IPR2017-01667 as Paper 31 and into the record of IPR2017-01668 as Paper 29.

⁴ References herein to "Petitioner" refer to Facebook, Inc., WhatsApp Inc., Huawei Device Co., Ltd., LG Electronics, Inc, and Apple Inc., collectively, where reference is made to IPR2017-01667, and to Facebook, Inc., WhatsApp Inc., and Apple Inc., collectively, where reference is made to IPR2017-01668.

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