

**APPLE INC.**  
**v.**  
**FIRSTFACE CO., LTD.**

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*Inter Partes* Review of U.S. Patent No. 9,633,373  
IPR2019-00613

*Inter Partes* Review of U.S. Patent No. 9,779,419  
IPR2019-00614

*Inter Partes* Review of U.S. Patent No. 9,633,373  
IPR2019-01011

*Inter Partes* Review of U.S. Patent No. 9,779,419  
IPR2019-01012

Patent Trial and Appeal Board  
United States Patent and Trademark Office

May 5, 2020

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## Table Of Abbreviations

Abbreviation	Description
<b>Pet.1</b>	IPR2019-00613, Paper 2, Petition for <i>Inter Partes</i> Review of United States Patent No. 9,633,373
<b>Pet.2</b>	IPR2019-00614, Paper 2, Petition for <i>Inter Partes</i> Review of United States Patent No. 9,779,419
<b>Pet.3</b>	IPR2019-01011, Paper 2, Petition for <i>Inter Partes</i> Review of United States Patent No. 9,633,373
<b>Pet.4</b>	IPR2019-01012, Paper 2, Petition for <i>Inter Partes</i> Review of United States Patent No. 9,779,419
<b>POPR1</b>	IPR2019-00613, Paper 8, Patent Owner's Preliminary Response to Petition
<b>POPR2</b>	IPR2019-00614, Paper 8, Patent Owner's Preliminary Response to Petition
<b>POR1</b>	IPR2019-00613, Paper 16, Patent Owner's Response to Petition
<b>POR2</b>	IPR2019-00614, Paper 16, Patent Owner's Response to Petition
<b>Reply1</b>	IPR2019-00613, Paper 18, Petitioner's Reply to Patent Owner's Response
<b>Reply2</b>	IPR2019-00614, Paper 18, Petitioner's Reply to Patent Owner's Response
<b>SR1</b>	IPR2019-00613, Paper 21, Patent Owner's Sur-Reply to Petition
<b>SR2</b>	IPR2019-00614, Paper 21, Patent Owner's Sur-Reply to Petition
<b>ID1</b>	IPR2019-00613, Paper 10, Decision – Institution of <i>Inter Partes</i> Review
<b>ID2</b>	IPR2019-00614, Paper 10, Decision – Institution of <i>Inter Partes</i> Review

## Instituted Grounds

References	Basis	'373 Claims Challenged
Griffin, Davis, iOS	35 U.S.C. § 103(a)	1, 2, 4-6, 10-14, 18
Goertz, Davis, iOS	35 U.S.C. § 103(a)	1, 2, 4-6, 10-14, 18

References	Basis	'419 Claims Challenged
Griffin, Davis, iOS	35 U.S.C. § 103(a)	1-4, 6-7, 9-13, 15-17
Goertz, Davis, iOS	35 U.S.C. § 103(a)	1-4, 6-7, 9-13, 15-17

## Overview Of The Disputed Issues

### Ground 1:

- Whether the combination of Griffin and Davis discloses turning the display and performing a fingerprint authentication function in response to a one-time pressing of the activation button
- Whether the combination of Griffin and iOS discloses an activation button separate from a power button and configured to turn on the display
- Whether there is motivation to combine Griffin, Davis, and iOS

### Ground 2:

- Whether the combination of Goertz and Davis discloses turning the display and performing a fingerprint authentication function in response to a one-time pressing of the activation button
- Whether the combination of Goertz and iOS discloses an activation button separate from a power button and configured to turn on the display

**“in response to the one-time pressing of the activation button, the first function is performed”**

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