

APPLE INC.
v.
FIRSTFACE CO., LTD.

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

Table Of Abbreviations

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