

# EXHIBIT 27

**IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF TEXAS  
TEXARKANA DIVISION**

**MAXELL, LTD.,**

**Plaintiff,**

**vs.**

**APPLE INC.,**

**Defendant.**

Civil Action No. 5:19-cv-00036-RWS

**JURY TRIAL DEMANDED**

**DEFENDANT APPLE INC.'S FIRST SUPPLEMENTAL INVALIDITY CONTENTIONS**  
**PURSUANT TO PATENT LOCAL RULES 3-3 AND 3-4**

Locatio/the NavTalk/Obradovich in view of Hayashida/the '711 Patent in further view of Maruyama/Ikeda/the '711 Patent. *See Ex. A2.*

- Akiyama (or Akiyama in view of Gildea/Want/the Cyberguide) in view of Maruyama/Norris/the Cyberguide/the Locatio/the NavTalk/Obradovich in further view of Norris/Maruyama/Ikeda/the '711 Patent. *See Ex. A2.*
- Akiyama (or Akiyama in view of Gildea/Want/the Cyberguide) in view of the Cyberguide/Maruyama/Knockeart in view of Maruyama/Norris/the Cyberguide/the Locatio/the NavTalk/Obradovich in further view of Norris/Maruyama/Ikeda/the '711 Patent. *See Ex. A2.*
- Akiyama (or Akiyama in view of Gildea/Want/the Cyberguide) in view of Maruyama/Norris/the Cyberguide/the Locatio/the NavTalk/Obradovich in view of Hayashida/the '711 Patent in further view of Norris/Maruyama/Ikeda/the '711 Patent. *See Ex. A2.*
- Akiyama (or Akiyama in view of Gildea/Want/the Cyberguide) in view of the Cyberguide/Maruyama/Knockeart in view of Maruyama/Norris/the Cyberguide/the Locatio/the NavTalk/Obradovich in view of Hayashida/the '711 Patent in further view of Norris/Maruyama/Ikeda/the '711 Patent. *See Ex. A2.*
- Akiyama (or Akiyama in view of the Cyberguide/Gildea/Want) in view of Norris/Maruyama/the Locatio/the Cyberguide/the NavTalk/Obradovich. *See Ex. A3.*
- Akiyama (or Akiyama in view of the Cyberguide/Gildea/Want) in view of Norris/the Cyberguide/Maruyama/Knockeart in further view of Norris/Maruyama/the Locatio/the Cyberguide/the NavTalk/Obradovich. *See Ex. A3.*
- Akiyama (or Akiyama in view of the Cyberguide/Gildea/Want) in view of Norris/Maruyama/the Locatio/the Cyberguide/the NavTalk/Obradovich in further view of Hayashida/Maruyama. *See Ex. A3.*
- Akiyama (or Akiyama in view of the Cyberguide/Gildea/Want) in view of Norris/the Cyberguide/Maruyama/Knockeart in view of Norris/Maruyama/the Locatio/the Cyberguide/the NavTalk/Obradovich in further view of Hayashida/Maruyama. *See Ex. A3.*
- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide). *See Exs. A4-A6.*
- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide) in view of Knockeart. *See Ex. A4.*
- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide) in view of Norris/Colley. *See Exs. A4-A6.*

- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide) in view of the NavTalk/the Cyberguide/the Locatio/Obradovich. *See* Exs. A4, A6.
- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide) in view of the NavTalk/the Cyberguide/the Locatio/Obradovich in further view of Norris/Colley. *See* Exs. A4, A6.
- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide) in view of Colley. *See* Ex. A5.
- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide) in view of the NavTalk/the Cyberguide/the Locatio/Obradovich. *See* Ex. A5.
- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide) in view of Norris/Colley in further view of in view of the NavTalk/the Cyberguide/the Locatio/Obradovich. *See* Ex. A5.
- Maruyama (or Maruyama in view of Gildea/Want/the Cyberguide) in view of Colley in further view of in view of the NavTalk/the Cyberguide/the Locatio/Obradovich. *See* Ex. A5.
- Norris (or Norris in view of the Cyberguide/Want). *See* Exs. A7-A9.
- Norris (or Norris in view of the Cyberguide/Want) in view of Maruyama/Colley. *See* Exs. A7-A9.
- Norris (or Norris in view of the Cyberguide/Want) in view of the Locatio/Maruyama. *See* Exs. A7, A9.
- Norris (or Norris in view of the Cyberguide/Want) in view of the Locatio/Maruyama in further view of Maruyama/Colley. *See* Exs. A7, A9.
- Norris (or Norris in view of the Cyberguide/Want) in view of the Locatio/Maruyama in view of Maruyama/Colley in further view of Colley. *See* Ex. A7.
- Norris (or Norris in view of the Cyberguide/Want) in view of Maruyama. *See* Ex. A8.
- Norris (or Norris in view of the Cyberguide/Want) in view of Maruyama/Colley in further view of Maruyama. *See* Ex. A8.
- Norris (or Norris in view of the Cyberguide/Want) in view of Colley. *See* Ex. A8.
- Norris (or Norris in view of the Cyberguide/Want) in view of Maruyama in further view of Colley. *See* Ex. A8.
- The Cyberguide (or the Cyberguide in view of Want). *See* Ex. A10-A12.

- The Cyberguide (or the Cyberguide in view of Want) in view of Maruyama/the Locatio. *See* Ex. A10, A12.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Ellenby/Ikeda. *See* Ex. A10.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Ellenby/Ikeda in further view of Hayashida/the '711 Patent. *See* Ex. A10.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Ellenby/Ikeda in view of Maruyama/the Locatio in further view of Hayashida/Norris/Maruyama. *See* Ex. A10.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Ellenby/Ikeda in further view of Hayashida/the '711 Patent/Akiyama. *See* Ex. A10.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Ellenby/Ikeda in view of Maruyama/the Locatio. *See* Ex. A10.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Ellenby/Ikeda in view of Maruyama/the Locatio in further view of Hayashida/the '711 Patent /Akiyama. *See* Ex. A10.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Ellenby/Ikeda in view of Maruyama/the Locatio in further view of Hayashida/the '711 Patent. *See* Ex. A10.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Akiyama/the '711 Patent. *See* Ex. A11-A12.
- The Cyberguide (or the Cyberguide in view of Want) in view of Hayashida/Akiyama/the '711 Patent in further view of Norris/Maruyama/Ikeda/the '711 Patent. *See* Ex. A11.
- The Cyberguide (or the Cyberguide in view of Want) in view of Akiyama/Knockeart in further view of Hayashida/Akiyama/the '711 Patent. *See* Ex. A11.
- The Cyberguide (or the Cyberguide in view of Want) in view of Norris/Maruyama/Ikeda/the '711 Patent. *See* Ex. A11.
- The Cyberguide (or the Cyberguide in view of Want) in view of Akiyama/Knockeart. *See* Ex. A11.
- The Cyberguide (or the Cyberguide in view of Want) in view of Maruyama/Ikeda/the '711 Patent. *See* Ex. A11.

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