# Apple Inc. v. Papst Licensing GmbH & Co., K

P.T.A.B. Proceeding Nos. IPR2016-01842, -01863, and -01864 U.S. Patent Nos. 6,470,399; 8,504,746; and 9,189,437 January 16, 2018



## Instituted Grounds ('437 Patent)

| Ground                      | Claims                          | Туре  | Primary<br>Reference | Secondary Reference(s    |  |  |  |
|-----------------------------|---------------------------------|-------|----------------------|--------------------------|--|--|--|
| IPR2016-01842 ('437 Patent) |                                 |       |                      |                          |  |  |  |
|                             |                                 |       |                      |                          |  |  |  |
| 1                           | 1, 4-6, 9-12, 14,<br>15, 30, 34 | § 103 | Pucci                | Kepley, Schmidt          |  |  |  |
| 2                           | 16                              | § 103 | Pucci                | Kepley, Schmidt, Shinosk |  |  |  |
| 3                           | 13, 18                          | § 103 | Pucci                | Kepley, Schmidt, Campbe  |  |  |  |
| 4                           | 32                              | § 103 | Pucci                | Kepley, Schmidt, Wilson  |  |  |  |
| 5                           | 43                              | § 103 | Pucci                | Schmidt                  |  |  |  |
| 6                           | 45                              | § 103 | Pucci                | Schmidt, Campbell        |  |  |  |



# Instituted Grounds ('746 Patent)

| Ground                      | Claims                                   | Туре  | Primary<br>Reference | Secondary Reference(s    |  |  |  |
|-----------------------------|--|-------|----------------------|--------------------------|--|--|--|
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| IPR2016-01863 ('746 Patent) |  |       |                      |                          |  |  |  |
| 1                           | 1, 4, 6-8, 10, 11,<br>20, 21, 30, 34, 35 | § 103 | Pucci                | Kepley, Schmidt          |  |  |  |
| 2                           | 14                                       | § 103 | Pucci                | Shinosky, Kepley, Schmid |  |  |  |
| 3                           | 23                                       | § 103 | Pucci                | Kepley, Schmidt, Wilson  |  |  |  |

# Instituted Grounds ('399 Patent)

| Ground                      | Claims          | Туре  | Primary<br>Reference | Secondary Reference(s  |  |  |  |
|-----------------------------|-----------------|-------|----------------------|--|--|--|--|
|                             |                 | -     |                      |  |  |  |  |
| IPR2016-01839 ('399 Patent) |                 |       |                      |  |  |  |  |
| 1                           | 1, 3, 5, 11, 14 | § 103 | Kawaguchi            | Schmidt and the "sampling ci<br>references (Horowitz, Burr-Br<br>Intersil, MT-090, Oppenhei      |  |  |  |
|                             |                 | •     |                      |  |  |  |  |
| IPR2016-01864 ('399 Patent) |                 |       |                      |  |  |  |  |
| 1                           | 1, 3, 11, 14    | § 103 | Pucci                | Kepley, Schmidt and the "sam<br>circuit" references (Horowitz,<br>Brown, Intersil, MT-090, Opper |  |  |  |
| 2                           | 5               | § 103 | Pucci                | Kepley, Schmidt, the "samp circuit" references, and L  |  |  |  |



### **Outline**

- Pucci in view of Kepley stores the processed analog memory as at least one file of digitized analog data.
- II. Pucci in view of Schmidt responds to an INQUIRY constraining a hard drive.
- III. In Pucci, user-loaded file transfer enabling software required.



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