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## Petitioner's Demonstrative Exhibits

Samsung Electronics Co., Ltd., Samsung Electronics America, Inc., and LG Electronics, Inc. v. Papst Licensing GmbH & Co. KG, IPR2016-01733  
Petition Based On U.S. Pat. No. 5,758,081 ("Aytac")

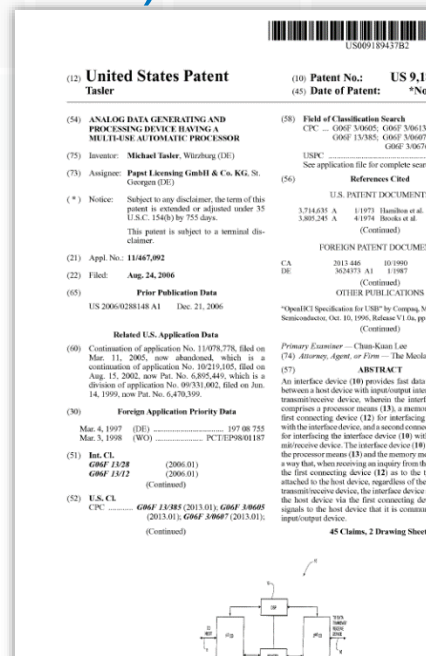


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# U.S. Pat. No. 9,189,437 (“the ‘437 Patent”)

- Title: “Analog Data Generating and Processing Device having a Multi-Use Automatic Processor”
- Named Inventor: Michael Tasler
- Owner: Papst Licensing GmbH & Co. KG
- Earliest asserted priority date: March 4, 1997

Ex. 1003





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## IPR2016-01733 Overview

- Challenged Claims: 1-45 (1, 39, 41, and 43 are independent)
- Grounds of Unpatentability: Challenged Claims are unpatentable under 35 U.S.C. § 102(b)

Claims	References
1, 4-16, 18-31, 33-37, 41, 43, 45	Aytac, SCSI Spec, AAPA
2, 3, 17, 39, 40, 42, 44	Aytac, SCSI Spec, AAPA, Adaptec
13, 45	Aytac, SCSI Spec, AAPA, TI Data Sheet
32	Aytac, SCSI Spec, AAPA, Muramatsu
38	Aytac, SCSI Spec, AAPA, TI Data Sheet, TI Patent



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## IPR2016-01733 Outline

- Uncontested Issues
- Contested Issues
  1. “Without requiring any end user to load software” – All Independent Claims
  2. “Single A/D Converter” – Claims 39 & 41
  3. Simultaneous Acquisition – Claim 41
  4. Customary Driver in BIOS – Claim 41
  5. TI Data Sheet



# Uncontested Issues

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