

*Netflix, Inc.*  
*and Comcast Cable Communications, LLC*

v.

*Realtime Adaptive Streaming LLC*

IPR2018-01630

IPR2018-01187

U.S. Patent No. 9,769,477

**Petitioners' Demonstratives**

Oral Argument

October 10, 2019

U.S. Patent No. 9,769,477  
IPR2018-01187 Petition

<b>Ground No.</b>	<b>References</b>	<b>Statutory Basis</b>	<b>Claims Challenged</b>
1	Imai (Ex. 1005)	Obviousness (§103)	1, 3–5, 12–14
2	Pauls (Ex. 1007)	Obviousness (§103)	1, 3–6, 9–14
3	Imai (Ex. 1005) Pauls (Ex. 1007)	Obviousness (§103)	1, 3–6, 9–14
4	Imai (Ex. 1005) Pauls (Ex. 1007) Chao (Ex. 1016)	Obviousness (§103)	2, 11, 20–22, 25–27

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<b>Ground No.</b>	<b>References</b>	<b>Statutory Basis</b>	<b>Claims Challenged</b>
1	Imai (Ex. 1005) Pauls (Ex. 1007)	Obviousness (§103)	15-19, 28, 29
2	Imai (Ex. 1005) Pauls (Ex. 1007) Dawson (Ex. 1025)	Obviousness (§103)	7, 23
3	Imai (Ex. 1005) Pauls (Ex. 1007) Lai (Ex. 1016)	Obviousness (§103)	8, 24

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Remaining Disputes for the 1187 IPR

- “Configured to” and Element 1(b)
  - “wherein a first asymmetric data compression encoder... is configured to compress data blocks containing video or image data at a higher data compression rate than a second data compression encoder...”
- Motivation to combine Imai and Pauls (Grounds 3 & 4)
- Realtime’s “trade-off” argument relying upon *Winner Intern. Royalty Corp.*
- Claim 20 limitations
- Combination of Imai, Pauls, and Chao (Ground 4)

## U.S. Patent No. 9,769,477

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Remaining Disputes for the 1630 IPR

- “Configured to” and Element 1(b)
  - “wherein a first asymmetric data compression encoder... is configured to compress data blocks containing video or image data at a higher data compression rate than a second data compression encoder...”
- Motivation to combine Imai and Pauls
- Realtime’s “trade-off” argument relying upon *Winner Intern. Royalty Corp.*
- Claim 20 limitations
- Combination of Imai, Pauls, and Dawson (Ground 2)

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