Samsung Electronics Co., Ltd. et al., Petitioner

v.

Image Processing Technologies, LLC, Patent Owner

IPR2017-01218
Patent No. 8,983,134

Patent Owner's Demonstratives
June 29, 2018 Oral Argument

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Exhibit 2017
IPR2017-01218
Petitioner - Samsung Electronics Co., Ltd., et al.
Patent Owner - Image Processing Technologies LLC
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Grounds Asserted in Petition

Ground 1: Claims 3-6 are obvious under 35 U.S.C. § 103(a) over

Gerhardt in view of Bassman; and

Ground 2: Claims 3-6 are obvious under 35 U.S.C. § 103(a) over

Gilbert in view of Gerhardt and further in view of Hashima.

[1pre] A process of tracking a target in an input signal implemented using a system comprising an image processing system, the input signal comprising a succession of frames, each frame comprising a succession of pixels, the target comprising pixels in one or more of a plurality of classes in one or more of a plurality of domains, the process performed by said system comprising, on a frame-by-frame basis:

[1a] forming at least one histogram of the pixels in the one or more of a plurality of classes in the one or more of a plurality of domains, said at least one histogram referring to classes defining said target; and

[1b] identifying the target in said at least one histogram itself,

[1c] wherein forming the at least one histogram further comprises determining X minima and maxima and Y minima and maxima of boundaries of the target.

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Ex. 1001 ('134 Patent) at 28–29.

Claim Element [1c] is Dispositive of This IPR Under the Correct *Phillips* Construction

[1a] "forming at least one histogram of the pixels in the one or more of a plurality of classes . . . said at least one histogram referring to classes defining said target"	"forming at least one histogram . . . at least one histogram being formed of pixels in the one or more classes that define said target."
[1a] "forming at least one histogram of the pixels in the one or more of a plurality of classes in the one or more of a plurality of domains"	"forming at least one histogram of the pixels in two or more classes that are in two or more domains."
[1c] "wherein forming the at least one histogram further comprises determining X minima and maxima and Y minima and maxima of boundaries of the target"	This limitation requires that the formation of the histogram includes determining the X and Y boundaries of the target.

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Paper 15 (PO Resp.) at 19–39; Paper 34 (Supp. PO Resp.) at 1.

The Board is Not Bound by the IPR2017-00353 Panel Result

The IPR2017-00353 Panel did not have the benefit of a complete record including:

- The December 22, 2017 deposition of Samsung's declarant, Dr. Hart

- Patent Owner's January 8, 2018 Response

- Patent Owner's May 31, 2018 Supplemental Reply

Paper 34 (Supp. PO Resp.) at 1; Ex. 2011 (Hart Depo. Tr.) at 2; Exs. 2011–2016; Papers 15, 33.

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