UNITED STATES PATENT AND TRADEMARK OFF
BEFORE THE PATENT TRIAL AND APPEAL BOAR

Samsung Electronics Co., Ltd. and Samsung
Electronics America, Inc.
Petitioners,

v.

Papst Licensing GmbH & Co. KG.,
Patent Owner

IPR2017-00714
U.S. Patent No. 6,470,399

Patent Owner Papst's Demonstratives
Hearing Date: February 13, 2018

Overview

- Petitioners Fail To Meet Their Burden To Establish Unpatentability
    - Independent Claims 1, 11, 14
        - "whereupon the host device communicates with the interfa[ce]
        device by means of [the specified, customary driver]
            - Proper construction in view of specification requires th[at]
            the host communicates by means of the specified drive[r]
            without resort to specialized, user-loaded software.
            (Response at 2.)
    - Aytac in view of SCSI Specification, Lin, and alleged Adm[itted]
    Prior Art fail to teach an interface device that communicate[s by]
    means of the specified driver without resorting to specializ[ed,]
    user-loaded software. (Response at 35.)
        - Each of Aytac's specialized, user-loaded programs are [used]
        to facilitate communication between the host and the
        CATBOX. (Response at 39.)

Claim Construction

- "whereupon the host device communicates with the interface device means of [the specified driver]
    - Claim 1: the driver for the input/output device customary in a h device
    - Claim 11: the specific driver for the multi-purpose interface
    - Claim 14: the usual driver for the input/output device
- Specification teaches that the inventive interface device communica by means of the specified driver, *without resort to specialized, user- loaded software.* (Response at 2.)

Claim Construction

- Consistent description in the specification of an embodiment or a limitation as being part of "the present invention" serves to limit the scope of the claims. *David Netzer Consulting Engineer LLC v. Shell Co.,* 824 F.3d 989, 994 (Fed. Cir. 2016); *see also Verizon Servs. Cor Vonage Holdings Corp.,* 503 F.3d 1295, 1308 (Fed. Cir. 2007); *Honeywell Int'l, Inc. v. ITT Indus., Inc.,* 452 F.3d 1312, 1318 (Fed. C 2006) (Response at 20.)
- *SciMed Life Systems v. Advanced Cardiovascular*, 242 F.3d 1337, 13 (Fed. Cir. 2001) ("Where the specification makes clear that the inve does not include a particular feature, that feature is deemed to be ou the reach of the claims of the patent, even though the language of th claims, read without reference to the specification, might be conside broad enough to encompass the feature in question."). (Response at 21)

The '399 Patent Teaches a Device That Do[es] Not Rely on Specialized Software To Allow H[ost] Device Independence

"It is an object of the present invention to provide an interface device for communi[cation] between a host device and a data transmit/receive device **whose use is host d[evice] independent** and which delivers a high data transfer rate." ('399 Patent at 3:24–28; Res[ponse] at 22)

"The interface device **according to the present invention** therefore no longer commun[icates] with the host device or computer by means of a specially designed driver but by mean[s of a] program which is present in the BIOS system . . . or by means of a specific program f[or a] multi-purpose interface. . .present in all host systems so that **the interface device acc[ording] to the present invention is host device-independent**." ('399 patent at 5:13-32; Respo[nse at] 22-23)

"Using a standard interface of a host device, the interface device **according to the p[resent] invention permits communication with any host device**. By simulating an input/[output] device to the host device and, in a preferred embodiment, by simulating a virtual mass s[torage] device, **the interface device is automatically supported by all known host systems w[ithout] any additional sophisticated driver software** . . . and, through the implementation [of the] programs, **independence from special software implemented on the host device**." [('399] patent at 12:23-40; Response at 23)

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