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IN THE UNITED STATES DISTRICT COURT
FOR THE NORTHERN DISTRICT OF CALIFORNIA

SHARED MEMORY GRAPHICS LLC,

No. C -10-02475 MMC (JSC)

Plaintiff,

**ORDER GRANTING IN PART
DEFENDANTS' MOTIONS TO STRIKE
(Dkt. Nos. 419, 421)**

v.

APPLE INC., ET AL.,

Defendants.

In this patent infringement dispute, Plaintiff Shared Memory Graphics LLC (“SMG”) contends that the Sony and Nintendo defendants (“Defendants”) infringe claim 3 of U.S. Patent No. 5,712,664 (“the ‘664 patent”) and claims 2, 6, and 8 of U.S. Patent No. 6,081,279 (“the ‘279 patent”). Sony moves to strike SMG’s amended patent infringement contentions (“PICs”) and to dismiss SMG’s claims against Sony. (Dkt. No. 421.) Nintendo likewise moves to strike SMG’s amended PICs and preclude SMG from further amending its PICs. (Dkt. 419.) After carefully considering the papers submitted by the parties, and having had the benefit of oral argument on August 25, 2011, the Court GRANTS Defendants’ motions to strike in part without leave to amend.

BACKGROUND

1. The ‘664 and ‘279 Patents

The ‘664 patent, entitled Shared Memory Graphics Accelerator System and originally filed in 1993, was issued to Alliance Semiconductor Corporation (“Alliance”) in 1998. The ‘279 patent, originally filed in 1997, and also entitled Shared Memory Graphics Accelerator System and a closely related companion to the ‘664 patent, was also issued to Alliance in 2000. (Dkt. No. 1 at ¶¶ 35, 38.)

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These patents claim to rectify a bandwidth shortcoming in art graphics systems used to process images for display in video games. Prior to the technological improvements reportedly addressed by the patents-in-suit, image data was stored in a single-memory element before it was displayed on a viewing device like a television screen. A graphics processor transferred pixel data that comprised an image to a frame buffer memory, which was on a separate chip connected to a graphics accelerator by a “data bus” connection. A frame buffer memory provides temporary storage to link between the image memory location and a colored pixel that will appear on a viewing device. The ‘664 patent claims to make this transfer process faster by dividing the frame-buffer memory such that one part is on the same chip as the graphics accelerator (“on-chip”) while the other portion of the frame-buffer memory is stored on a separate chip (“off-chip”). These two portions of frame buffer memory communicate with the graphics accelerator via a “data distribution bus.” This split allows the selective distribution of fast-moving and slow-moving data between on-chip and off-chip frame buffer memory elements, thus increasing speed and efficiency for picture quality. The ‘279 patent claims to further increase efficiency by enabling the on-chip frame buffer to have a higher refresh frequency than the off-chip frame buffer, which reduces on-chip power loss over time.

Among other elements, the parties agree that each claim at issue requires a display data distribution bus connecting the on-chip and off-chip frame buffer memory elements to a graphics accelerator. (Dkt. No. 444 at 7:6-13.) For example, Claim 3 of the ‘664 patent requires

an on-chip frame buffer element connected to receive graphics display data from the graphics accelerator via a *display data distribution bus*; and off-chip frame buffer memory element connected to receive graphics display data from the graphics accelerator via *the data distribution bus*.

‘664 patent at 6:34-40 (emphasis added); see also ‘279 patent at 6:1-7; 7:2-7; 7:27-33.

Three of the four claims at issue also require the graphics accelerator to “selectively distribute” display data to the on-chip frame buffer memory and the off-chip frame buffer memory. ‘664 patent at 6:41-4; ‘279 patent at 6:8-12; 7:34-38. In addition, the three ‘279 patent claims at issue require the on-chip frame buffer memory to have a higher refresh frequency than the off-chip frame buffer memory in order to reduce on-chip power dissipation. ‘279 patent at 6:21-23; 7:8-12;

1 8:1-4.

2 Alliance sold the '664 and '279 patents to Acacia Patent Acquisition Corporation ("Acacia")
3 in 2007. (Dkt. No. 1 at ¶ 45.) Acacia is a publicly traded patent-holding company that acquires
4 patents and then creates subsidiaries that bring suits on behalf of these patents for patent
5 infringement and which claims "\$90 million in cash and additional funds" and advertises itself as
6 "able to bring and sustain legal actions against infringers." (Dkt. No. 435 at 13.) On May 13, 2009,
7 Acacia transferred all rights to the '664 and '279 patents to newly-created subsidiary SMG. (Dkt.
8 No. 1 at ¶ 47.)

9 2. Procedural History

10 According to Sony, in the fall of 2001 Alliance approached Sony about alleged infringement
11 of the '279 patent by Sony's PlayStation 2 product. Sony informed Alliance that the PlayStation 2
12 "did not have, among other things, an 'off-chip frame buffer memory element' as required by each
13 of the claims in the '279 patent." (Dkt. No. 301 at 4.) Communications between the two companies
14 regarding the patent ceased in 2003. In 2005 and 2006, Alliance again contacted Sony, at one point
15 claiming to be in the process of "extensive analysis" of PlayStation products, but Sony did not hear
16 anything further until this lawsuit. (Dkt. No. 301 at 5.) SMG subsequently filed this action in the
17 Western District of Arkansas in July 2008. SMG alleges infringement of claim 3 of the '664 patent
18 and claims 2, 6 and 8 of the '279 patent, and it seeks both damages and injunctive relief. The initial
19 complaint named Apple, Sony, and Nintendo as defendants. A subsequent amendment added
20 Samsung as a defendant.

21 On May 27, 2010, and pursuant to a motion by Defendants, the Arkansas district court
22 transferred this lawsuit to the Northern District of California. Approximately 10 months later,
23 defendants Apple and Samsung reached an agreement under which SMG's claims against Apple and
24 Samsung were dismissed with prejudice as were these defendants' counterclaims against SMG.

1 SMG challenges two of Nintendo’s products, both of which are video-game operating
2 systems: the GameCube and the Wii. SMG now challenges only one Sony product, the pre-MCL
3 iteration of the PlayStation, which is also a video-game operating system.¹

4 Upon the lawsuit’s transfer to the Northern District of California, the local patent rules
5 became applicable, including Local Rule 3-1 (“L.R. 3-1”). Rule 3-1 required SMG to provide PICs
6 to Defendants within 14 days of the September 2, 2010 case management conference. SMG
7 provided Sony with initial infringement contentions on September 16, 2010, and, after Sony
8 complained about perceived shortcomings, SMG provided a first amended version on October 8,
9 2010. (Dkt. No. 301.) SMG provided Nintendo with PICs on September 19, 2010 and an amended
10 version on October 1, 2010. (Dkt. No. 296.)

11 In November 2010, Sony and Nintendo moved to compel SMG to provide amended PICs on
12 the ground that SMG’s PICs did not satisfy L.R. 3-1. Defendants argued that SMG failed to identify
13 where in the accused products certain key limitations are found; in particular, they asserted that
14 SMG had not identified the required “display distribution bus” limitations as well as the “selectively
15 distributes” and “fast and slow moving images” limitations of the claims at issue. (Dkt. Nos. 295,
16 301, 316.)

17 SMG responded that under the circumstances it had sufficiently complied with L.R. 3-1.
18 First, it complained that Defendants had stonewalled SMG’s discovery requests. (Dkt. Nos. 11 at 3
19 & 312 at 2.) Relying on Renesas Technology Corp. v. Nanya Technology Corp., 2004 WL 2600466
20 (N.D. Cal. Nov. 10, 2004), SMG also argued that it is not required to reverse engineer every accused
21 product and can instead rely on other materials in formulating PICs. (Dkt. Nos. 311 at 5 & 312 at 6.)
22 SMG specifically argued that due to the miniscule size of modern-day electronics, it would be
23 prohibitively expensive for SMG to perform reverse engineering or other work necessary to identify
24 the specific components that satisfy the limitations at issue in the motions to compel. (Dkt. No. 312
25 at 6, 8.) SMG asserted further that it had sufficiently complied with LR 3-1 and that as a matter of
26 law a patent infringement plaintiff may “assume” the presence of a limitation, such as the display

27
28 ¹Sony and SMG entered into a stipulation on July 28, 2011 under which all claims and
counterclaims against one another were dismissed with respect to Sony Play Station 2 and 3 products.
(Dkt. No. 438.)

1 data distribution bus, in an accused product. (Dkt. Nos. 311 at 7 & 312 at 8.) Finally, SMG argued
2 that the “selectively distributes” and “refresh frequency” claim language does not create required
3 elements because the language follows a “wherein” clause and, in any event, SMG had sufficiently
4 identified where in the accused products the limitations are found. (Dkt. Nos. 311 at 8-9 & 312 at
5 8.)

6 Following oral argument on Defendants’ motions to compel, former Magistrate Judge
7 Edward Chen, to whom the case was then assigned for discovery purposes, granted Defendants’
8 motions in a written order. (Dkt. No. 346.) Judge Chen specifically held that SMG had failed to
9 identify the required data distribution bus:

10 [S]everal of Plaintiff’s ICs are too vague to provide fair notice as to what components
11 and circuitry of the accused products infringe their patents. For instance, the claim
12 charts fail to specifically identify the display data distribution bus limitation in
13 Defendants’ products. . . Rather than provide a meaningful description of its theories,
14 SMG’s vague contentions and conclusory statements invite Defendants and the Court
15 merely to *assume* the presence of a data distribution bus. . . . The Court therefore
16 finds that SMG’s disclosure falls short of the level of specificity required by Local
17 Rule 3-1.

18 (Dkt. No. 346 at 6.) The court also specifically rejected SMG’s argument that the elements
19 following a “wherein” clause are not mandatory. (*Id.*) Accordingly, the court ordered SMG to file
20 an Amended Disclosure of Claims and Infringement Contentions consistent with the court’s order.
21 (*Id.*)

22 The district court disqualified SMG’s counsel in December 2010 due to the firm’s previous
23 dealings with Nintendo. SMG eventually retained new counsel and filed further amended
24 infringement contentions on June 13, 2011. (Dkt Nos. 415 & 416.) Defendants now move to strike
25 these amended PICs with respect to the “data distribution bus” and “selectively distributes” and
26 “refresh frequency” limitations on the ground that SMG’s contentions are not materially different
27 from those presented to Judge Chen and thus still fail to comply with Local Rule 3-1.

28 DISCUSSION

Local Rule 3-1 requires, in pertinent part:

. . . a party claiming patent infringement shall serve on all parties a ‘Disclosure of Asserted
Claims and Infringement Contentions’ . . . [which] shall contain the following information:

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(a) Each claim of each patent in suit that is allegedly infringed by each opposing party, including for each claim the applicable statutory subsections of 35 U.S.C. §271 asserted;

(b) Separately for each asserted claim, each accused apparatus, product, device, process, method, act, or other instrumentality (“Accused Instrumentality”) of each opposing party of which the party is aware. This identification shall be as specific as possible. Each product, device, and apparatus shall be identified by name or model number, if known. Each method or process shall be identified by name, if known, or by any product, device, or apparatus which, when used, allegedly results in the practice of the claimed method or process;

(c) A chart identifying specifically where each limitation of each asserted claim is found within each Accused Instrumentality, including for each limitation that such party contends is governed by 35 U.S.C. § 112(6), the identity of the structure(s), act(s), or material(s) in the Accused Instrumentality that performs the claimed function.

As Judge Chen concluded, and SMG agrees, “all courts agree that the specificity under Local Rule 3-1 must be sufficient to provide reasonable notice to the defendant why the plaintiff believes it has a ‘reasonable chance of proving infringement.’” (Dkt. No. 346 at 4 (quoting View Engineering, Inc. v. Robotic Vision Systems, Inc., 208 F.3d 981, 986 (Fed. Cir. 2000).) The infringement contentions “must be sufficient to raise a ‘reasonable inference that all accused products infringe.’” (Dkt. No. 346 at 4 (quoting Antonious v. Spalding & Evenflo Cos., Inc., 275 F.3d 1066, 1075 (Fed. Cir. 2002).)

The dispute here is whether SMG has sufficiently complied with Rule 3-1(c), that is, whether it has identified specifically “where each limitation of each asserted claim is found within each Accused Instrumentality.” In particular, whether SMG has complied with Judge Chen’s order that SMG identify which circuitry in the GameCube and Wii (for Nintendo) and the Playstation (for Sony) constitute the data distribution bus that connects the on-chip and off-chip frame buffer memory to the graphics accelerator. The Court finds that it has not.

A. The data distribution bus and the on-chip and off-chip frame buffer memory

As explained above, all claims at issue require that the on-chip frame buffer memory and the

1 off-chip frame buffer memory be connected to a graphics accelerator via a data distribution bus.²
2 See supra at 2. As SMG admitted at oral argument, the amended PICs presently before this Court
3 are essentially identical to those before Judge Chen with respect to these particular data distribution
4 bus limitations. (Dkt. No. 444 at 20:12-25, 22:2-5, & 30:23-31:2.) The PICs before Judge Chen did
5 not identify any circuitry that allegedly satisfy these data distribution bus limitations and the further
6 amended PICs before this Court still do not identify any specific circuitry as constituting the above
7 required data distribution bus; instead, SMG’s amended PICs simply state that “these connections
8 are too small to be seen” in the accused devices. (See, e.g., Dkt. No. 416-1 at 10.)

9 SMG’s insistence that it need not identify the specific circuitry that purportedly satisfy these
10 limitations because to do so would take months and cost hundreds of thousands, or even millions, of
11 dollars is not well taken.

12 First, as explained above, supra at 4, SMG made this same “it is too expensive” argument to
13 Judge Chen, who nonetheless ordered SMG to identify the specific circuitry that supposedly
14 constitute the data distribution bus connecting the graphics accelerator to the on-chip and off-chip
15 frame buffers. (Dkt. No. 346 at 4 (stating that “Rule 3-1 does not necessarily require the patent
16 holder to produce evidence of infringement, but it must map specific elements of Defendants’
17 alleged infringing products onto the Plaintiff’s claim construction”).)

18 Second, SMG’s argument contradicts the plain language of Local Rule 3-1(c). The Rule
19 requires the party claiming infringement to produce a chart “identifying specifically where each
20 limitation of each asserted claim is found within each Accused Instrumentality.” There is no
21 exception in the Rule for parties who do not want to spend the time and resources necessary to
22 identify specifically where each limitation is found. In Bender v. Maxim Integrated Products, Inc.,
23 2010 WL 2991257 (N.D. Cal. July 29, 2010), for example, the district court specifically rejected this
24 very argument:

25 Plaintiff’s difficulties in attempting to amend his infringement contentions arise from
26 his unwillingness or inability to reverse engineer the accused products in order to

27 ²The parties dispute whether the same data distribution bus must connect the on-chip and off-
28 chip frame buffers to the graphics accelerator. This claim construction dispute is immaterial to the
present motions because for the most part SMG has not identified any data distribution bus.

1 determine how he believes they infringe . . . Plaintiff is correct that there is no
2 absolute requirement that a plaintiff engage in reverse engineering of an accused
3 product prior to filing an infringement claim . . . Cases in which reverse engineering
4 was not required, however, have tended to involve situations in which analyzing the
accused product was either impracticable or unnecessary to create a basis for
adequate ICs.

5 Id. at *5. The plaintiff in Bender, as SMG here, complained that reverse engineering was too
6 expensive, but the district court was not persuaded: “While the Court recognizes that reverse
7 engineering may well pose a financial hardship to plaintiff, it appears that he cannot maintain this
8 lawsuit without undertaking reverse engineering or some equivalent that will enable him to better
9 articulate his claims.” Id.; see also Network Caching Technology, LLC, 2002 WL 32126128 at *5
10 (N.D. Cal. Aug. 13, 2002) (holding that reverse engineering or its equivalent is required); Intertrust
11 Technologies Corp. v. Microsoft Corp., 2003 WL 23120174 at *2 (N.D. Cal. Dec. 1, 2003) (stating
12 that “[a]t the Patent Local Rule 3-1 Disclosure stage, a plaintiff must put forth information so
13 specific that either reverse engineering or its equivalent is required”). As Judge Chen previously
14 ruled, SMG was similarly required to perform reverse engineering or its equivalent if it wants to
15 pursue its patent infringement claims.

16 SMG next argues that it is reasonable to *assume* that there is at least one data distribution bus
17 that connects the on-chip frame buffer memory and the off-chip frame buffer memory to the
18 graphics accelerator even if SMG cannot at this stage in the litigation identify any particular
19 circuitry as the required data distribution bus. Judge Chen, however, specifically rejected this
20 argument too:

21 Rather than provide a meaningful description of its theories, SMG’s vague
22 contentions and conclusory statements invited Defendants and the Court merely to
23 *assume* the presence of a data distribution bus. . . . The Court therefore finds that
SMG’s disclosure falls short of the level of specificity required by Local Rule 3-1.

24 (Dkt. No. 346 at 6:2-7.) Moreover, SMG’s argument is, again, inconsistent with the case law. In
25 Bender, for example, the court held that a “plaintiff cannot simply rely on [defendant’s]
26 publicly-available datasheets to diagram his claims, and then attempt to escape his obligation to
27 locate each element of each claim within the accused device by stating that he assumes an element of
28 the claim must be present, although not depicted.” Bender, 2010 WL 2991257 at *2. It is thus
unsurprising that at oral argument SMG was unable to identify any case to suggest that under Local

1 Rule 3-1(c) a patent infringement plaintiff may simply assume that a limitation is present in an
2 accused device without specifically identifying what in the device satisfies the limitation. (Dkt. No.
3 444 at 26:8-9.)

4 SMG's reliance on Renesas Technology Corp. v. Nanya Technology Corp., 2004 WL
5 2600466 (N.D. Cal. Nov. 10, 2004) highlights the continued inadequacy of SMG's PICs. In Renesas
6 the patent infringement plaintiff expended the resources necessary to reverse engineer three of
7 several accused products and thus was able to specifically identify where in each of those accused
8 products each limitation was allegedly met. Id. at *3. The court held that the plaintiff was not
9 required to reverse engineer "every one of defendant's products" because the plaintiff had provided
10 declarations that established that "it is the practice in this industry not to change product circuitry
11 when going from one version of a product to the next." Id. at *4. Here, in contrast, SMG has been
12 unable to identify *any* circuitry as the data distribution bus that connects the on-chip frame buffer to
13 the graphics accelerator in any product of any defendant, let alone offer expert testimony that a data
14 distribution bus found in one device is likely to be present in another. And while it has identified
15 circuitry that it contends constitute the data distribution bus connecting the GDDR off-chip frame
16 buffer to the graphics accelerator in the GameCube, it offers no competent evidence that the same
17 circuitry would be present in Nintendo's Wii or Sony's PlayStation. Instead, SMG simply recites
18 the claim language and baldly asserts that the data distribution bus limitations are satisfied. This it
19 cannot do. See Network Caching, 2002 WL 32126128 at *6 (stating that "it is inappropriate to
20 'simply mimic[] the language of the claim,' providing 'no further information to defendants than the
21 claim language itself.'").

22 Finally, SMG contends that the Court should require defendants to produce discovery that
23 would reveal whether the data distribution bus limitations are found in each accused device. SMG's
24 theory is that since Defendants know what is in their devices, the Court should just make them show
25 their hand. This argument, however, as does SMG's others, violates Local Rule 3-1(c). The Rule
26 requires the patent infringement plaintiff to specify where each limitation of each asserted claim is
27 found in each accused device within 14 days of the case management conference, that is, generally
28 before discovery has commenced. Moreover, courts in this District routinely stay discovery *until* the

1 plaintiff has met its Rule 3-1(c) obligations. See, e.g., Network Caching Technology, LLC, 2002
2 WL 32126128 at * 7. Indeed, discovery in this case has been stayed pending SMG’s efforts to
3 submit adequate PICS. (Dkt. No. 346 at 7 & Dkt. 408.) There is simply no support, in the case law
4 or otherwise, for SMG’s request that it be excused from complying with Local Rule 3-1(c) for
5 certain limitations, and that instead Defendants bear the burden of establishing through discovery
6 whether their devices practice the limitations at issue. To the contrary, SMG’s theory directly
7 contradicts the well-established law that for certain technologies, such as those at issue here, patent
8 infringement plaintiffs must perform reverse engineering or its equivalent to satisfy its PICS burden.
9 See supra at 7-8.

10 In sum, as it is undisputed that SMG’s claim chart neither identifies the circuitry in the
11 accused devices which supposedly satisfy the limitation that the on-chip frame buffer memory be
12 connected to the graphics accelerator via a data bus distribution, nor the circuitry in the accused
13 devices which supposedly satisfy the limitation that the off-chip frame buffer memory be connected
14 to the graphics accelerator via a data bus distribution (except for Nintendo’s GameCube),
15 Defendants’ motions to strike SMG’s PICS with respect to the on- and off-chip data distribution bus
16 limitations are granted.

17 **B. The “selectively distributes” and “sequence frequency” limitations**

18 Defendants contend that SMG has not modified its claim charts with respect to the
19 “selectively distribute display data” and “refresh frequency” limitations and therefore has not
20 complied with Judge Chen’s Order that SMG address these limitations. (Dkt. No. 346 at 6:9-17.)
21 SMG admits that it is relying on essentially the same allegations that were before Judge Chen (Dkt.
22 No. 444 at 60-61), but asserts that it has in fact identified “where these limitations are found” in the
23 accused devices by identifying the graphics accelerator and the on- and off-chip frame buffers that
24 allegedly perform these limitations.

25 It is unclear from Judge Chen’s written order whether he specifically found that SMG’s PICS
26 with respect to these limitations were inadequate, or whether he merely addressed SMG’s novel
27 argument that because the elements are preceded by a “wherein” clause they are not required. (Dkt.
28 No. 346 at 6.) Further, the Court is unclear how a patent infringement plaintiff would identify where
such limitations are found in an accused device other than to do what SMG did here, that is, identify

1 where the graphics accelerator and on- and off-chip frame buffers are found. At oral argument
2 Nintendo argued that SMG could submit evidence that it had tested Defendants' devices and found
3 that the refresh frequency for the off-chip frame buffer memory is less than for the on-chip, and by
4 how much. Such evidence, Nintendo argued, would at least support a reasonable inference that the
5 accused products infringe. (Dkt. No. 444 at 50.) Nintendo, however, seems to be arguing that SMG
6 must do more than show where in the accused device the limitation is found as required by Local
7 Rule 3-1(c). Defendants may be correct that SMG should have engaged in such inquiry before filing
8 suit. They may also be correct that what SMG has submitted thus far is insufficient to support a
9 reasonable inference of infringement. But the Court is not fully persuaded that SMG was required to
10 submit such evidence to comply with Local Rule 3-1(c). See Network Caching Tech Corp., 2003
11 WL 21699799 at * 4 (holding that to comply with Local Rule 3-1 the plaintiff is not required to
12 produce evidence of infringement or to support its contentions); Samsung SDI Co., LTD., 2006 WL
13 5097360 at * 4 (C.D. Cal. June 5, 2006) (same).

14 This discussion, however, appears academic because the Court has found that SMG did not
15 comply with Local Rule 3-1(c) with a very basic limitation, that is, showing where in the accused
16 devices the data distribution bus connecting the on- and off-chip frame buffers to the graphics
17 accelerator can be found. If they are not so connected then presumably the devices also do not
18 satisfy these additional limitations, at least in any meaningful way.

19 **C. Leave to Amend**

20 Now that the Court has found that SMG's second amended PICs still fail to comply with
21 Local Rule 3-1(c) with respect to the data distribution bus limitations, and therefore that the PICs
22 with respect to those limitations should be stricken, the question is whether SMG should be granted
23 leave to file third amended PICs. The Court concludes that it should not. First, SMG has not even
24 asked for leave to amend. (Dkt. Nos. 431 & 432.) To the contrary, it has steadfastly maintained that
25 it should not be required to incur the time and expense required to engage in the reverse engineering
26 or its equivalent necessary to specifically identify the circuitry in the accused products which
27 purportedly satisfy the data distribution bus limitations or that it is appropriate to assume that the
28 circuitry can be found in the accused products. Moreover, it has already amended its PICs twice,

1 and the patents-in-suit and the accused products have existed for many years.

2 Sony also asks for an order dismissing SMG's claims. Nintendo has not asked for a similar
3 order; instead, at oral argument Nintendo explained that it will take this final version of SMG's PICs
4 and move for summary judgment. The Court agrees that this is the better procedure. Accordingly,
5 //

6 the Court recommends that Sony's request for dismissal be denied without prejudice.³

7
8 **CONCLUSION**


9 For the foregoing reasons, Defendants' Motions to Strike are GRANTED in part without
10 leave to amend. SMG's infringement contentions relating to the following limitations are stricken:

- 11
- 12 1. "Data distribution bus" connecting the graphics accelerator to the on-chip frame
13 buffer memory for all remaining accused devices; and
 - 14 2. "Data distribution bus" connecting the graphics accelerator to the off-chip frame
15 buffer memory for all remaining accused devices other than the Nintendo
16 GameCube.

17 The stay of discovery shall remain in effect until further court order. This Order disposes of
18 Docket Nos. 419 and 421.

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20 **IT IS SO ORDERED.**

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22 Dated: September 2, 2011

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24 JACQUELINE SCOTT CORLEY
25 UNITED STATES MAGISTRATE JUDGE
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³As the request for dismissal involves a dispositive ruling, this magistrate judge may only "report and recommend" a ruling on this issue. (Dkt. No.423 n.1.)

United States District Court
For the Northern District of California

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