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UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA  
SAN JOSE DIVISION

APPLE, INC., a California corporation,	)	Case No.: 11-CV-01846-LHK
Plaintiff,	)	ORDER RE: DAMAGES
v.	)	
SAMSUNG ELECTRONICS CO., LTD., A	)	
Korean corporation; SAMSUNG	)	
ELECTRONICS AMERICA, INC., a New York	)	
corporation; SAMSUNG	)	
TELECOMMUNICATIONS AMERICA, LLC,	)	
a Delaware limited liability company,	)	
Defendants.	)	

In this patent case, a jury found that a range of Samsung products infringe several of Apple’s design and utility patents, and that several Samsung products dilute Apple’s trade dress. The jury awarded \$1,049,343,540.00 in damages, and provided a breakdown of this award by Samsung product. In their post-trial motions, the parties have raised a number of issues concerning the damages in this case. Specifically, Apple has requested additur, supplemental damages, and prejudgment interest, *see* Apple’s Motion for Judgment as a Matter of Law (“Apple JMOL”), ECF No. 2002, and Samsung has moved for a new trial on damages or for remittitur, *see* Samsung’s Motion for Judgment as a Matter of Law (“Samsung JMOL”), ECF No. 2013. The Court will address each of these requests in turn.

**I. ADDITUR**

1 Apple has requested that the Court increase the damages award for five products because  
2 the jury awarded less than the amount calculated by Samsung's damages expert.<sup>1</sup> See Apple  
3 JMOL at 18. However, there is a longstanding rule that the Seventh Amendment prohibits a  
4 judicial increase in a damages award made by a jury. See *Dimick v. Scheidt*, 293 U.S. 474, 486-87  
5 (1935). Apple argues that that prohibition does not apply here because there is no dispute about the  
6 proper amount of damages. That is simply not the case. The amount of damages is heavily  
7 disputed here, as evidenced by extensive testimony provided by both parties concerning the proper  
8 amount of compensation. The jury was "not bound to accept the bottom line provided by any  
9 particular damages expert," *In re First Alliance Mortg. Co.*, 471 F.3d 977, 1002 (9th Cir. 2006),  
10 but rather was free to evaluate the testimony of both sides' experts in arriving at its award. It is not  
11 the proper role of the Court to second-guess the jury's factual determination as to the proper  
12 amount of compensation. Accordingly, Apple's motion for an increase in the jury's damages  
13 award is DENIED.

## 14 II. SUPPLEMENTAL DAMAGES

15 Apple seeks an award of supplemental damages for infringing sales not considered by the  
16 jury. The Court agrees that an award of supplemental damages is necessary here. Section 284  
17 requires that the Court award compensation for every infringing sale, and the Federal Circuit has  
18 held that where the jury does not make an award, the Court must do so. See *Finjan, Inc. v. Secure*  
19 *Computing Corp.*, 626 F.3d 1197 (Fed. Cir. 2010). The parties do not dispute that there are sales  
20 for which the jury did not make an award, because they occurred after the trial had concluded.  
21 Because the Court must make an award for any sale for which the jury did not, an award of  
22 supplemental damages is required.

23 There are three primary issues the Court must address in resolving Apple's request for  
24 supplemental damages: (1) the date from which the award should begin; (2) whether the law  
25 permits supplemental damages for post-verdict sales where an award of infringer's profits is made  
26

27 <sup>1</sup> Apple also suggests that the Court should ignore the product-by-product amounts provided by the  
28 jury, and should consider only the aggregate total amount. However, Apple provides no authority  
for the argument that the Court should not consider the jury's specific findings. The Court will  
thus consider the jury's award for each product.

1 pursuant to 35 U.S.C. § 289; and (3) the proper method for calculating post-verdict damages in a  
2 case where the jury made no determination as to royalty rate.

3 First, regarding the date from which the award should be made, Apple argues that the  
4 supplemental damages award should include sales beginning on July 1, 2012, because the evidence  
5 presented to the jury ran only through June 30, 2012. Samsung argues that the jury considered all  
6 the sales made through the date of the verdict, whether or not explicit evidence of those sales was  
7 presented at trial, and thus, the supplemental damages award should begin on August 25, 2012 (the  
8 day after the verdict). There is no clear statement in the case law as to which approach is correct.  
9 While it is true that the jury did not hear evidence of sales between June 30 and August 24, it is  
10 also possible that the jury considered this fact in arriving at its ultimate award. Thus, there are  
11 reasons to support either date. However, the Federal Circuit recently affirmed a portion of a  
12 district court order refusing to grant supplemental damages for sales made before the verdict. The  
13 Court explained that the Plaintiff “could have-but did not-argue to the jury that its suggested  
14 amount . . . should be proportionally increased for the two months not accounted for in the sales  
15 data,” and that “[u]nder these circumstances, awarding additional amounts of damages incurred  
16 before trial would be an improper invasion of the jury's province to determine actual damages and  
17 an inappropriate use of 35 U.S.C. § 284 to enhance inadequate compensatory damages.” *Presidio*  
18 *Components Inc. v. Am. Technical Ceramics Corp.*, 08-CV-335-IEG, 2010 WL 3070370 (S.D. Cal.  
19 Aug. 5, 2010) *aff'd in part, vacated in part*, 2012 WL 6602786 (Fed. Cir. Dec. 19, 2012) (internal  
20 citation omitted). The same is true here; nothing precluded Apple from arguing that the jury  
21 should consider sales from June 30 through August 24, or from presenting evidence on how to  
22 estimate such sales. Thus, consistent with the *Presidio Components* decision, the Court intends to  
23 calculate the supplemental damages award beginning on August 25, 2012, the day after the verdict.

24 Second, regarding the question of whether a supplemental damages award is appropriate  
25 where the jury's award was made, at least in part, pursuant to § 289, the law is not clear. Both  
26 parties have made arguments, but neither party has cited, and the Court is not aware of, any cases  
27 squarely addressing the issue of whether supplemental damages are appropriate for an award of  
28 infringer's profits made under § 289.

1 Samsung argues that no supplemental damages may be awarded where the jury's award  
2 included infringer's profits under § 289, because the purpose of supplemental damages is purely to  
3 compensate the plaintiff, where an award of infringer's profits goes beyond compensation. This  
4 argument is belied by the approach courts have taken to enhancements in the context of  
5 supplemental damages. Specifically, courts have allowed a supplemental damages award pursuant  
6 to § 284 to be doubled for continuing willful infringement. *See Aero Products Int'l, Inc. v. Intex*  
7 *Recreation Corp.*, 02 C 2590, 2005 WL 1498667 (N.D. Ill. June 9, 2005). This outcome is clearly  
8 inconsistent with Samsung's contention that supplemental damages serve solely to compensate.  
9 Moreover, courts have recognized that supplemental damages serve to prevent the "inefficient and  
10 unhelpful" outcome of a second suit being filed to collect damages for post-verdict, pre-judgment  
11 sales. *Hynix Semiconductor Inc. v. Rambus Inc.* 609 F.Supp.2d 951, 961 (N.D. Cal. 2009).  
12 Damages under § 289 would be available in a follow-on suit, and so should be available in this  
13 procedure designed to avoid such a suit.

14 Moreover, although § 289 does not contain § 284's explicit instruction that "[w]hen the  
15 damages are not found by a jury, the court shall assess them," § 289 does specify that "[n]othing in  
16 this section shall prevent, lessen, or impeach any other remedy which an owner of an infringed  
17 patent has under the provisions of this title." However, in cases where both design and utility  
18 patents are infringed in a single product, an award made pursuant to § 289 compensates plaintiffs  
19 for both types of infringement. *See Catalina Lighting, Inc. v. Lamps Plus, Inc.*, 295 F.3d 1277,  
20 1291 (Fed. Cir. 2002). A prohibition on supplemental damages where an award is made pursuant  
21 to § 289 would thus run afoul of this requirement that other patent remedies, which include  
22 supplemental damages, remain available.

23 In sum, the purposes of supplemental damages and the text of §§ 284 and 289 indicate that  
24 supplemental damages are, indeed, available for awards made pursuant to § 289, in addition to  
25 awards made pursuant to § 284.

26 Finally, regarding the proper method for calculating supplemental damages, as other courts  
27 in this district have noted, the cases discussing supplemental damages in the patent context are few.  
28 *See Hynix*, 609 F. Supp. 2d at 960. In most of those cases, a jury determined what the appropriate

1 royalty rate would be, allowing the court to simply apply the jury’s stated methodology to the  
2 proven or estimated post-verdict sales. *See, e.g., Finjan*, 626 F.3d at 1212 (“The district court  
3 granted Finjan additional damages by multiplying the jury’s royalty rates against previously  
4 uncalculated sales.”); *Hynix*, 609 F. Supp. 2d at 964 (“Although the existing case law on  
5 supplemental damages does not explain why, it recommends applying the royalty rates determined  
6 by the jury.”); *see also Presidio Components*, 2012 WL 6602786. Here, the jury did not make a  
7 finding as to the appropriate royalty rate, and the Court cannot now do so without trenching on  
8 Samsung’s Seventh Amendment right to a jury trial on that issue. *See Boston Scientific Corp. v.*  
9 *Johnson & Johnson*, 550 F. Supp. 2d 1102, 1122 (N.D. Cal. 2008) (“Even if there were evidence  
10 sufficient for the Court, as opposed to the jury, to determine a reasonable royalty, doing so at this  
11 point would violate BSC’s Seventh Amendment rights.”). However, in applying the same royalty  
12 rate used by the jury, courts have explained that the rationale for continuing the jury’s award, rather  
13 than using some other method, is that there is an “absence of any meaningful distinction between  
14 pre-verdict and post-verdict infringement.” *Hynix*, 609 F. Supp. 2d at 965. Under this rationale, it  
15 would be appropriate for the Court to attempt to award supplemental damages consistent with the  
16 jury’s award.

17 In this case, Apple has proposed dividing the jury’s total damages award for all products by  
18 the total number of sales for all products to determine a per-sale amount, which the Court could  
19 then multiply by the number of post-verdict sales. The Court does not find this type of averaging  
20 appropriate, as the jury’s awards for different products differed significantly, and only a few of the  
21 products for which the jury made an award have remained on the market post-verdict. Rather, it  
22 would be more appropriate to determine the per-sale amount on a product-by-product basis, and  
23 use that per-sale amount to determine the supplemental damages amount for each product that has  
24 remained on the market for any post-verdict period. Because the jury returned an award for each  
25 product separately, the Court can simply divide the jury award for each product by that product’s  
26 number of sales to calculate this per-product amount.

27 This leaves the question of the actual number of post-verdict sales. Apple has proposed an  
28 elaborate method of estimating the appropriate number of sales. The Court finds that there is no

1 need to estimate because the parties can present evidence of the actual number of sales. Moreover,  
2 courts have found it appropriate to delay orders for the submission of such evidence and hearings  
3 thereon pending the resolution of appeals, to “avoid potentially unnecessary expenditures of time  
4 and money in preparing such an accounting.” *Intron, Inc. v. Benghiat*, 2003 WL 22037710, at \*16  
5 (D. Minn. 2003); *see also Eolas Technologies, Inc. v. Microsoft Corp.*, 2004 WL 170334 at \*8  
6 (N.D. Ill. 2004), *vacated in part on other grounds*, 399 F.3d 1325 (Fed. Cir. 2005) (“I grant the  
7 motion and will require an accounting after any appeal in this case is terminated.”). In the instant  
8 case, one of this Court's post-trial orders has already been appealed to the Federal Circuit, and the  
9 parties have indicated that more appeals are anticipated. Moreover, as discussed above, there are  
10 complex issues with regard to supplemental damages for which there is no clear precedent. Thus,  
11 proceeding without the Federal Circuit’s guidance may cause unnecessary expenditures of time and  
12 resources. Given the number and complexity of the issues in this case that remain unresolved, the  
13 Court finds that it would be appropriate to delay the consideration of evidence of actual post-  
14 verdict sales until after the completion of the appeals in this case.

### 15 **III. PREJUDGMENT INTEREST**

16 The purpose of prejudgment interest is to “compensate[] the patent owner for the use of its  
17 money between the date of injury and the date of judgment.” *Oiness v. Walgreen Co.*, 88 F.3d  
18 1025, 1033 (Fed. Cir. 1996). The Court has considerable discretion in awarding prejudgment  
19 interest in patent cases. *See Bio-Rad Labs., Inc. v. Nicolet Instrument Corp.*, 807 F.2d 964, 969  
20 (Fed. Cir. 1986). However, “prejudgment interest should ordinarily be awarded absent some  
21 justification for withholding such an award.” *General Motors Corp. v. Devex Corp.*, 461 U.S.  
22 648, 657 (1983). Although *Devex* addressed a royalty award under § 284, the Federal Circuit has  
23 also upheld awards of prejudgment interest on awards of infringer’s profits under § 289. *See*  
24 *Catalina Lighting*, 295 F.3d at 1292.

25 Several of the products for which the jury made a damages award here involved not just  
26 patent infringement, but also Lanham Act claims, and thus resulted in damages awards that,  
27 pursuant to *Aero Products Intern., Inc. v. Intex Recreation Corp.*, 466 F.3d 1000 (Fed. Cir. 2006),  
28 compensate Apple for both trade dress dilution and patent infringement. The law is not clear on

1 whether prejudgment interest may be awarded for Lanham Act claims. The Ninth Circuit has  
2 suggested that prejudgment interest is not available for Lanham Act claims not involving  
3 counterfeiting. *See Moscow Distillery Cristall v. Pepsico, Inc.*, 141 F.3d 1177 (9th Cir. 1998)  
4 (“Prejudgment interest is available under the Lanham Act only for counterfeiting.”). On the other  
5 hand, the Ninth Circuit has also upheld an award of prejudgment interest in a Lanham Act case that  
6 did not involve counterfeiting. *See Clamp Mfg. Co., Inc. v. Enco Mfg. Co., Inc.*, 870 F.2d 512, 514  
7 (9th Cir. 1989).

8 However, the Court sees no need to resolve this conflict here. An award that is made to  
9 compensate both for trade dress dilution and for patent infringement is, in part, an award for patent  
10 infringement. *See Aero Products*, 466 F.3d at 1019. Because prejudgment interest is clearly  
11 appropriate for this award based on patent infringement, the Court finds that there would be no  
12 reason to forbid prejudgment interest simply because the award also compensates for a Lanham  
13 Act violation, even if the Lanham Act did not separately authorize prejudgment interest. Thus, the  
14 Court finds that Apple is entitled to prejudgment interest.

15 The parties have proposed two different rates for calculating interest. Apple has proposed  
16 the prime rate. Apple JMOL at 29. Samsung suggests that the lower 52-week Treasury bill rate  
17 would be more appropriate here. Samsung Opp’n at 30. In determining the appropriate rate, courts  
18 have considered whether, during the period of infringement, the plaintiff “borrowed money at a  
19 higher rate, what that rate was, or that there was a causal connection between any borrowing and  
20 the loss of the use of the money awarded as a result of [the defendant’s] infringement.” *Laitram*  
21 *Corp. v. NEC Corp.*, 115 F.3d 947, 955 (Fed. Cir. 1997). Such factors would make an award at a  
22 higher rate more appropriate. Here, Apple maintains substantial cash reserves and there is no  
23 evidence that Apple borrowed any money because it was deprived of the damages award. Thus  
24 here, as in *Laitram*, the Court finds that the 52-week Treasury Bill Rate is sufficient.

25 The parties also disagree about the appropriateness of compounding: Apple is in favor of  
26 annual compounding, and Samsung objects to any compounding. The Federal Circuit has  
27 explained that “the determination whether to award simple or compound interest similarly is a  
28 matter largely within the discretion of the district court,” and that both simple and compound



1 interest awards have been upheld. *Gyromat Corp. v. Champion Spark Plug Co.*, 735 F.2d 549, 557  
2 (Fed. Cir. 1984). Apple has submitted expert evidence that compounding is appropriate here, *see*  
3 Robinson Decl. at ¶ 18 & Exh. 4, and Samsung has presented no evidence to the contrary. The  
4 Court finds that compounding more closely approximates the actual borrowing costs Samsung  
5 would have faced. Accordingly, when the appeals are resolved, and the final damages amount  
6 settled, the Court will award prejudgment interest at the 52-week Treasury Bill Rate, compounded  
7 annually.

#### 8 **IV. JURY'S DAMAGES AWARD**

##### 9 **A. Permissibility of examining nature of award**

10 Samsung argues that it is apparent, from the damages amount the jury returned, that some  
11 of the awards rested on impermissible legal theories. Apple argues that the Court should not  
12 consider how the jury arrived at its award, but should rather only look at the final number, and  
13 consider whether that number could have been supported by the evidence in the record as a whole.

14 Apple is correct that courts are generally required to give great deference to jury awards,  
15 and to uphold them where they are supportable by the evidence in the record. *See Los Angeles*  
16 *Mem'l Coliseum Comm'n v. NFL*, 791 F.2d 1356 (9th Cir. 1985); *Yeti by Molly Ltd. v. Deckers*  
17 *Outdoor Corp.*, 259 F.3d 1101 (9th Cir. 2001); *Revolution Eyewear, Inc. v. Aspex Eyewear, Inc.*,  
18 563 F.3d 1358 (Fed. Cir. 2009). These cases address the general question of whether a damages  
19 award is supported by sufficient evidence in the record. However, the Ninth Circuit case most  
20 analogous to the present case recognized an exception to this general principle of deference in  
21 cases where it is readily apparent from the numbers that the jury applied an impermissible legal  
22 theory in arriving at its award. *See In Re First Alliance Mortgage Co.*, 471 F.3d 977 (9th Cir.  
23 2006). In *First Alliance Mortgage*, the Ninth Circuit observed that the jury's damages number was  
24 the precise numerical average "to the dollar" of the amounts proposed by the two competing  
25 damages experts. *Id.* at 1002. One of the experts, however, presented a theory that the Court had  
26 ruled legally impermissible. Though the Court gave a curative instruction, explicitly telling the  
27 jury that it was not allowed to apply that theory, the amount of the award made plain that the jury  
28 had applied the impermissible theory anyway. Because the award was clearly based in part on an



1 impermissible legal theory, the Ninth Circuit held that it had been error for the district court to  
 2 “bend over backwards” to identify some conceivable theory on which the jury might properly have  
 3 made the same award. The Federal Circuit has applied similar reasoning (though never in a case  
 4 dispositive manner). See *Lucent Technologies v. Gateway*, 580 F.3d 1303 (Fed. Cir. 2009).

5 In this case, it is apparent that the jury awarded 40% of Apple’s expert Terry Musika’s  
 6 calculation of Samsung’s profits for a wide range of products, and in some cases, added the same  
 7 expert’s calculation for Apple’s lost profits. Moreover, it is clear that for several products, the jury  
 8 awarded exactly half of the reasonable royalty award proposed by Mr. Musika. As in *First*  
 9 *Alliance Mortgage*, these numbers are “to the dollar;” it is thus quite apparent how the jury arrived  
 10 at them. Indeed, Apple does not dispute this inference in its opposition, relying instead on the  
 11 purported impermissibility of acknowledging what is apparent. The chart below details the  
 12 formulas the jury apparently used. All percentages correspond to an exact and consistent  
 13 percentage of the amount Mr. Musika testified was warranted for each category.

Samsung Product	Jury Award	Formula
Captivate	\$80,840,162	40% of Samsung’s Profits
Continuum	\$16,399,117	40% of Samsung’s Profits
Droid Charge	\$50,672,869	40% of Samsung’s Profits
Epic 4G	\$130,180,896	40% of Samsung’s Profits
Exhibit 4G	\$1,081,820	50% of Apple’s Royalties
Fascinate	\$143,539,179	100% of Apple’s Lost Profits + 40% of Samsung’s Profits
Galaxy Ace	\$0	n/a (no award)
Galaxy Prevail	\$57,867,383	40% of Samsung’s Profits
Galaxy S (i9000)	\$0	n/a (no award)
Galaxy S 4G	\$73,344,668	100% of Apple’s Lost Profits + 40% of Samsung’s Profits

1	Galaxy S II AT&T	\$40,494,356	40% of Samsung's Profits
2	Galaxy S II i9100	\$0	n/a (no award)
3	Galaxy S II T-Mobile	\$83,791,708	40% of Samsung's Profits
4	Galaxy S II Epic 4G Touch	\$100,326,988	40% of Samsung's Profits
5	Galaxy S II Skyrocket	\$32,273,558	40% of Samsung's Profits
6	Galaxy S II Showcase	\$22,002,146	100% of Apple's Lost Profits + 40% of Samsung's Profits
7			
8	Galaxy Tab	\$1,966,691	50% of Apple's Royalties
9	Galaxy Tab 10.1 WiFi	\$833,076	n/a (no calculation apparent)
10	Galaxy Tab 10.1 4G LTE	\$0	n/a (no award)
11	Gem	\$4,075,585	40% of Samsung's Profits
12	Indulge	\$16,011,184	40% of Samsung's Profits
13	Infuse 4G	\$44,792,974	40% of Samsung's Profits
14	Intercept	\$0	n/a (no award)
15	Mesmerize	\$53,123,612	100% of Apple's Lost Profits + 40% of Samsung's Profits
16			
17	Nexus S 4G	\$1,828,297	50% of Apple's Royalties
18	Replenish	\$3,350,256	50% of Apple's Royalties
19	Transform	\$953,060	50% of Apple's Royalties
20	Vibrant	\$89,673,957	100% of Apple's Lost Profits + 40% of Samsung's Profits
21			
22			

23 Under *First Alliance Mortgage*, this Court cannot ignore the import of these numbers, even  
 24 if the evidence as a whole could have supported an award of a similar, or even higher, amount.  
 25 Accordingly, the Court will consider which of these awards entailed the use of an impermissible  
 26 legal theory, and what the appropriate response is.

27 **B. Appropriate Response to Excessive Award**

1           When a Court detects an error in the jury’s damages verdict, the Court has two choices: the  
2 Court may order a new trial on damages, or the Court may reduce the award to a supportable  
3 amount. If the Court chooses the latter option, known as remittitur, the prevailing party then has  
4 the option of demanding a new trial on damages or accepting the reduced award. *See, e.g., Hynix*  
5 *Semiconductor Inc. v. Rambus Inc.*, No. CV-00-20905-RMW (July 14, 2006), 2006 WL 1991760.

6           The Court generally may not award any amount lower than the maximum amount that  
7 would have been supportable by the evidence. *See D & S Redi-Mix v. Sierra Redi-Mix &*  
8 *Contracting Co.*, 692 F.2d 1245, 1249 (9th Cir. 1982) (“Although this circuit has not stated its  
9 position, others consistently approve remitting the judgment to the maximum amount sustainable  
10 by the proof. This rule prevents the court’s substitution of its judgment for that of the jury. We  
11 adopt this standard.”) (internal citations omitted). The Federal Circuit also uses this so-called  
12 “maximum recovery rule.” *See Unisplay, S.A. v. Am. Elec. Sign Co., Inc.*, 69 F.3d 512, 519 (Fed.  
13 Cir. 1995) (“When calculating an amount to remit, in order to encourage use of the efficient  
14 remittitur option, we will follow the ‘maximum recovery rule,’ which requires that the  
15 determination be based on the highest amount of damages that the jury could properly have  
16 awarded based on the relevant evidence.”). The theory underlying this practice is that it carries out  
17 the jury’s intention to the extent permissible by law, and thus remains consistent with both parties’  
18 Seventh Amendment right to a jury trial. *See Dimick*, 293 U.S. at 486 (“Where the verdict is  
19 excessive, the practice of substituting a remission of the excess for a new trial is not without  
20 plausible support in the view that what remains is included in the verdict along with the unlawful  
21 excess-in that sense that it has been found by the jury-and that the remittitur has the effect of  
22 merely lopping off an excrescence.”).

23           However, there is an exception to this rule, wherein the Court may remit an excess amount  
24 where the excess is readily identifiable as such, even if the resulting award does not necessarily  
25 correspond to the maximum amount supportable by the evidence. *See, e.g., Cornell Univ. v.*  
26 *Hewlett-Packard Co.*, 609 F. Supp. 2d 279, 292 (N.D.N.Y. 2009) *amended*, 01-CV-1974, 2009 WL  
27 1405208 (N.D.N.Y. May 15, 2009) (Rader, J., by designation) (multiplying jury's explicitly stated  
28 royalty rate by lower royalty base Court found as a matter of law); *Joiner Sys., Inc. v. AVM Corp.*,

1 *Inc.*, 517 F.2d 45, 49 (3d Cir. 1975) (jury calculated damages per square feet and number of square  
2 feet; Court found a lower number of square feet supportable by evidence, and multiplied jury's  
3 amount per square foot by the new, smaller number of square feet). Though the jury in the present  
4 case did not make an explicit finding as to what percentage of Apple's requested amount it deemed  
5 appropriate for each product, it is apparent from the amount of the award, which is "to the dollar"  
6 an exact and consistent percentage of Mr. Musika's amount. *See First Alliance Mortgage*, 471  
7 F.3d 977. Thus, this multiplier is analogous to a jury's finding of an appropriate royalty rate.  
8 Accordingly, where the Court can detect a specific amount that ought to be subtracted from the  
9 award because of an identifiable error while otherwise preserving the jury's findings as to  
10 damages, the Court may offer Apple the option of remittitur in that amount, or a new trial.

11 The Court will now consider each of Samsung's allegations of error in the jury's award, and  
12 will determine which of these responses is appropriate for each situation.

13 **C. Specific allegations of error**

14 **1. Design Patent / Trade dress apportionment**

15 First, Samsung argues that for Apple to be entitled to Samsung's profits for design patent  
16 infringement, Apple was required to prove which portions of Samsung's profits were earned by the  
17 patented design features. Samsung reasons that Apple's expert presented a damages calculation for  
18 all of Samsung's profits on the design-patent-infringing products, but that Apple never proved that  
19 Samsung's alleged acts of design patent infringement were responsible for all of Samsung's profits.  
20 Thus, Samsung argues, each award that includes an award of Samsung's profits for design patent  
21 infringement must be set aside.

22 This argument is clearly foreclosed by Federal Circuit precedent. As explained in *Nike Inc.*  
23 *v. Wal-Mart Stores, Inc.*, 138 F.3d 1437, 1442–43 (Fed. Cir.1998), Congress specifically drafted  
24 the design patent remedy provisions to remove an apportionment requirement that the Supreme  
25 Court had imposed. Thus, there is simply no apportionment requirement for infringer's profits in  
26 design patent infringement under § 289.

27 Next, Samsung argues that Apple presented no evidence that could have supported the  
28 jury's award of Samsung's profits for trade dress dilution. However, there are no products for

1 which the jury found trade dress dilution without design patent infringement. Thus, the jury's  
 2 award for these products could be supported by design patent infringement alone, which, as  
 3 explained above, does not require apportionment. Therefore, even if there were no evidence to  
 4 support a trade dress dilution award, the award as a whole would be supportable on the basis of  
 5 design patent infringement. Because the award as a whole is supportable irrespective of  
 6 Samsung's trade dress apportionment theory, the Court need not consider whether there was  
 7 sufficient evidence in the record to independently justify the jury's award for these products on the  
 8 basis of trade dress dilution. In sum, the Court finds that the jury's award is not excessive on the  
 9 basis of apportionment for design patent or trade dress damages.

## 10 2. Entitlement to lost profits

11 Samsung next argues that Apple has not established entitlement to lost profits, and that  
 12 accordingly, all of the awards that include a lost profits component must be set aside. "To recover  
 13 lost profits, 'a patent owner must prove a causal relation between the infringement and its loss of  
 14 profits.' In other words, the burden rests on the patentee to show a reasonable probability that 'but  
 15 for' the infringing activity, the patentee would have made the infringer's sales." *Crystal*  
 16 *Semiconductor Corp. v. TriTech Microelectronics Int'l, Inc.*, 246 F.3d 1336, 1353 (Fed. Cir. 2001)  
 17 (quoting *BIC Leisure Prods., Inc. v. Windsurfing Int'l, Inc.*, 1 F.3d 1214, 1218, 27 USPQ2d 1671,  
 18 1674 (Fed.Cir.1993)). The Court's task here is to review whether there is sufficient evidence to  
 19 support a jury's lost profit award. *See Crystal Semiconductor*, 246 F.3d at 1355-57 ("Between  
 20 Crystal's unadjusted market share, the testimony of TriTech's and OPTi's experts, and the  
 21 testimonies of Crystal's other fact witnesses, the record supplied sufficient evidence to support the  
 22 jury's 35% lost profit award"); *Ericsson, Inc. v. Harris Corp.*, 352 F.3d 1369, 1377 (Fed. Cir.  
 23 2003) ("We agree with Ericsson that substantial evidence supports the jury's damages award for  
 24 lost profits due to lost sales.").

25 Here, Apple presented the testimony of Apple's damages expert, Terry Musika. Mr.  
 26 Musika provided detailed evidence regarding how the market would likely have behaved absent  
 27 Samsung's infringement, including: (1) the market share of various smartphone manufacturers,  
 28 based on data collected and analyzed by independent research firm IDC (including Apple,

1 Samsung, and other manufacturers, to whom he assigned the largest market share) (PX25A1.8; Tr.  
2 2084:23-2085:9); (2) Apple's capacity to manufacture additional phones and tablets (PX25A1.14-  
3 15; Tr. 2085:13-2086:3); and (3) consumer demand, based on both expert survey evidence and fact  
4 witness testimony (Tr. 2076:3-2077:8). The Federal Circuit has noted that it "has affirmed lost  
5 profit awards based on a wide variety of reconstruction theories where the patentee has presented  
6 reliable economic evidence of 'but for' causation." *Crystal Semiconductor*, 246 F.3d at 1355. Mr.  
7 Musika's opinion reconstructs the market based on market share, capacity, and demand, thus  
8 demonstrating how many additional sales Apple would likely have made, but for Samsung's  
9 infringement. This constitutes exactly the type of economic evidence of causation that the Federal  
10 Circuit requires in sustaining an award of lost profits. Accordingly, the Court finds that the record  
11 supported a jury award of lost profits. The Court thus declines to set aside the jury's damages  
12 awards that include Apple's lost profits on the grounds that Apple has not proven entitlement to  
13 lost profits.

### 14 3. The Galaxy Prevail: Award of Samsung's Profits

15 For the Galaxy Prevail, the jury awarded \$57,867,383, which is 40% of Apple's calculation  
16 of Samsung's profits. The Galaxy Prevail, however, was found to infringe only utility patents. As  
17 the Court instructed the jury, infringer's profits are not a legally permissible remedy for utility  
18 patent infringement. *See* Final Jury Instruction Nos. 36 (utility patent lost profits); 40 (utility  
19 patent reasonable royalty); 54 (design patent defendant's profits); 55 (design patent lost profits); 56  
20 (design patent reasonable royalty). Accordingly, as in *First Alliance Mortgage*, it is apparent that  
21 the jury failed to follow the Court's instructions on the law, and awarded damages based on a  
22 legally impermissible theory. This award cannot stand.

23 The jury's award was apparently based on Samsung's profits, which is an impermissible  
24 type of compensation for utility patent infringement. Thus, rather than including some identifiable  
25 portion of excess, such as particular sales for which there should have been no damages, the entire  
26 award was tainted. Further, the jury did not award the full amount Apple requested for Samsung's  
27 lost profits, but rather awarded only 40% of Apple's requested amount of \$142,893,684. Thus, it  
28 does not appear that awarding the full amount that Apple requested for either of the two

1 permissible forms of compensation for utility patents (Apple’s lost profits, for which Apple  
2 requested \$8,573,370, or a reasonable royalty, for which Apple provided no calculation), which is  
3 the usual method for calculating a remittitur, could reasonably be thought to represent the jury’s  
4 award, stripped only of the impermissible excess. *Cf. Dimick*, 293 U.S. at 486. Accordingly, the  
5 Court cannot reasonably and fairly calculate an appropriate remittitur.

6 Nor can the Court, having identified the impermissible legal theory on which the jury made  
7 its award, turn a blind eye or “bend over backwards” to find a possible permissible justification for  
8 the amount awarded. *See First Alliance Mortgage*, 471 F.3d at 977. Accordingly, the Court  
9 hereby ORDERS a new trial on damages for the Galaxy Prevail.

#### 10 4. Notice dates

11 Samsung next contends that a new trial is warranted, or, in the alternative, that the Court  
12 should remit the jury’s award, because the jury based its awards on Mr. Musika’s calculations that  
13 used a notice date that was not supported by any evidence at trial. This argument is essentially two  
14 separate motions: (1) a motion for judgment as a matter of law that the evidence does not support  
15 any notice dates earlier than the filing of the relevant complaints for any patent except the ’381  
16 Patent; and (2) a motion for new trial on damages or remittitur because the jury made its award  
17 based on incorrect early notice dates. The Court will address the question of appropriate notice  
18 dates first, and will then consider what effect this may have on the damages award.

19 Under 35 U.S.C. § 287(a), there can be no damages award where a defendant did not have  
20 actual or constructive notice of the patent or registered trade dress at issue. Thus, it is improper to  
21 award damages for sales made before the defendant had notice of the patent, and an award that  
22 includes damages for sales made before notice of any of the intellectual property (“IP”) infringed is  
23 excessive as a matter of law. Moreover, different types of IP allow for different types of damages  
24 awards. Specifically, damages for utility patent infringement may take the form of lost profits or a  
25 reasonable royalty, *see* 35 U.S.C. § 284; damages for trade dress dilution may take the form of lost  
26 profits and/or infringer’s profits, *see* 15 U.S.C. § 1125; and damages for design patent infringement  
27 may include lost profits, a reasonable royalty, or infringer’s profits, *see* 35 U.S.C. § 289.

28 Accordingly, it is also erroneous to award infringer’s profits for a time period where the defendant



1 had notice only of utility patents, because infringer's profits are not an authorized form of damages  
2 for utility patent infringement.

3 The parties dispute whether Apple had given Samsung notice of each of the patents prior to  
4 the filing of the complaint and the amended complaint, which the parties agree gave Samsung  
5 notice of all of the asserted IP. Regarding the '381 Patent, Apple has presented evidence that  
6 Apple specifically put Samsung on notice of that patent in a meeting between Apple and Samsung  
7 on August 4, 2010. *See* PX52.12-PX52.16 (Apple's presentation listing specific patents, including  
8 the '381 Patent). Samsung argues that there is no evidence that Apple gave Samsung actual notice  
9 of alleged infringement of any specific patents other than the '381 Patent prior to the filing of the  
10 complaint on April 15, 2011, which gave notice of three Apple patents and Apple's registered trade  
11 dress, or the amended complaint on June 16, 2011, which gave notice of all the remaining Apple  
12 patents. Apple argues that the August 4, 2010 meeting put Samsung on sufficient notice of all of  
13 the asserted IP, even though the specific list of patents included only the '381 Patent.

14 Section 287 requires not only notice that a product allegedly infringes some unspecified  
15 patents, but notice of what specific patent the product is accused of infringing. This notice can be  
16 accomplished by marking the patented product with the patent number ("constructive notice"). *See*  
17 35 U.S.C. § 287(a); *Minks v. Polaris Indus., Inc.*, 546 F.3d 1364, 1376-77 (Fed. Cir. 2008); *Funai*  
18 *Elec. Co., Ltd. v. Daewoo Elecs. Corp.*, 616 F.3d 1357, 1373 (Fed. Cir. 2010). Alternatively, a  
19 notice can be delivered directly to the accused infringer ("actual notice"). *Funai*, 616 F.3d at 1373.  
20 Like constructive notice, actual notice appears to require that the accused infringer be informed of  
21 the specific patents it is accused of infringing. *See, e.g., Minks*, 436 F.3d at 1366-67 (conducting  
22 notice analysis for a specific patent); *Gart v. Logitech, Inc.*, 254 F.3d 1334, 1346-47 (Fed. Cir.  
23 2001) (same).

24 Apple contends that notice need not identify the specific patent at issue. However, Apple  
25 cites only one case finding actual notice without actual disclosure of a specific patent number, a  
26 1992 case from the District of Massachusetts that does not itself cite any case holding that actual  
27 notice is possible without an actual patent number. *See Ceeco Machinery Manufacturing, Ltd. v*  
28 *Intercole, Inc.*, 817 F.Supp. 979 (D. Mass. 1992).

1 As an initial matter, *Ceeco* was an unusual case. The *Ceeco* Court explained that:

2 To the extent that [the plaintiff's] warning was less explicit than would typically be  
3 required, [the defendant] appears to be largely responsible . . . By [defendant's] own  
4 admission, [defendant] continued to reassure [plaintiff] that it had not purchased [an  
5 accused machine] well after it in fact had. The provision for giving actual notice  
6 would be rendered meaningless if defendants could evade such notice by  
7 deliberately concealing their infringement.

8 817 F. Supp. at 987. In other words, the plaintiff did not give specific notice because the defendant  
9 continued to lie to the plaintiff to deliberately conceal defendant's infringement. There are no  
10 allegations of such deception here.

11 Furthermore, the *Ceeco* Court reasoned that if a defendant knows that its product is accused  
12 of infringing some unspecified patent that also covers a known competitor product, that defendant  
13 has sufficient notice of the patent, even without specific knowledge of the actual patent at issue.  
14 This reasoning is unpersuasive, and has never been adopted by the Federal Circuit. This kind of  
15 non-specific notice is insufficient because a patent may have a broad or narrow scope, and a  
16 product may be covered by a multitude of patents, and also include many unpatented features.  
17 Mere notice that some unknown patent allegedly covers some aspect of both the accused product  
18 and the competitor product does not provide meaningful notice as to what patented territory the  
19 accused device is alleged to infringe upon. The wide variety of patents covering the complex  
20 products in this very case illustrates this problem well. In sum, the Court finds that where a  
21 plaintiff relies on actual, rather than constructive notice, the notice must include the specific patents  
22 at issue.

23 Apple argues that Samsung received actual notice for all of its asserted acts of infringement  
24 at the August 4, 2010 meeting between the parties. However, Apple cites no evidence whatsoever  
25 that any patent-in-suit other than the '381 Patent was specifically identified during the meeting.  
26 Instead, Apple points to general comparisons drawn at that meeting between the industrial design  
27 and user interfaces of the iPhone 3GS and the Galaxy S, as well as references to general "user  
28 interface" patents. *See* PX52 (Apple's presentation). A side-by-side comparison of the iPhone  
3GS and the Galaxy S that implies that the iPhone 3GS embodies some unspecified design and  
utility patents that may be infringed by the Galaxy S, however, does not provide notice of the

1 specific patents alleged to be infringed, as required to satisfy § 287(a)'s notice requirement.  
2 Accordingly, the Court finds that the August 4, 2010 date is not supported by evidence in the  
3 record for any patent other than the '381 Patent.

4 Apple does not suggest that any notice occurred between the August 4, 2010 meeting and  
5 the filing of the original complaint on April 15, 2011. The original complaint gave Samsung notice  
6 of the '915 and D'677 Patents. Thus, the correct notice date for the '915 and D'677 Patents is  
7 April 15, 2011.

8 Apple also does not suggest any notice occurred on any date between the April 15, 2011  
9 filing of the original complaint, and the filing of the amended complaint on June 16, 2011. The  
10 amended complaint gave Samsung notice of the '163, D'305, D'889, and D'087 Patents. Thus, the  
11 correct notice date for the '163, D'305, D'889, and D'087 Patents is June 16, 2011.

12 In sum, Samsung is entitled to judgment as a matter of law that the earliest notice dates  
13 supported by the evidence are: August 4, 2010 for the '381 patent; April 15, 2011 for the '915 and  
14 D'677 Patents; and June 16, 2011 for the '163, D'305, D'889, and D'087 Patents.

15 The damages numbers Mr. Musika presented to the jury were based on the August 4, 2010  
16 notice date for all patents. See PX25A at 4, 5. Thus, the jury's awards for patent infringement,  
17 which are based on Mr. Musika's numbers using the early notice dates, may have contained some  
18 amount of excess compensation covering the period before Samsung had notice of the relevant IP,  
19 depending on the combination of IP infringed. The following chart indicates the correct notice  
20 dates, available remedies, and infringing products for each form of IP:

United States District Court  
For the Northern District of California

IP	Notice Date	Available Remedies <sup>2</sup>	Products Infringing
'381 Patent	August 4, 2010	Reasonable Royalty or Lost Profits	Captivate, Continuum, Droid Charge, Epic 4G, Exhibit 4G, Fascinate, Galaxy Ace, Galaxy Prevail, Galaxy S i9000, Galaxy S 4G, Galaxy S II AT&T, Galaxy S II i9100, Galaxy Tab, Galaxy Tab 10.1 WiFi, Gem, Indulge, Infuse 4G, Mesmerize, Nexus S 4G, Replenish, Transform, Vibrant
'915 Patent	April 15, 2011 (original complaint)	Reasonable Royalty or Lost Profits	Captivate, Continuum Droid Charge, Epic 4G, Exhibit 4G, Fascinate, Galaxy Prevail, Galaxy S i9000, Galaxy S 4G, Galaxy S II AT&T, Galaxy S

<sup>2</sup> A reasonable royalty represents the minimum amount of permissible damages for utility and design patent infringement. *See* 35 U.S.C. § 284. Plaintiffs are entitled to lost profits instead of a reasonable royalty only if they can prove that but for the infringement, they would have earned those profits. *See Crystal Semiconductor*, 246 F.3d at 1354 (“[A] patentee may obtain lost profit damages for that portion of the infringer’s sales for which the patentee can demonstrate ‘but for’ causation and reasonable royalties for any remaining infringing.”). In addition, for design patent infringement, 35 U.S.C. § 289 also provides “an alternate remedy” of infringer’s profits, *see Nike*, 138 F.3d at 1439, which a plaintiff may seek in lieu of lost profits or a reasonable royalty.

Trade dress damages may include infringer’s profits *and* actual damages, which often take the form of lost profits. 15 U.S.C. § 1117.

In addition, the Federal Circuit has explained that a plaintiff may be compensated only once for each sale, even if more than one form of infringement has occurred. *See Catalina Lighting*, , 295 F.3d at 1277 (utility patents and design patents infringed); *Aero Products*, 466 F.3d 1000 (utility patent and trademark infringed). However, as Mr. Musika explained to the jury, Tr. 2092:14-25, there are many sales of each product, and it is permissible to award different forms of compensation for different sales. Thus, an award may be comprised of, for instance, part infringer’s profits and part lost profits, as long as there is only one award for each infringing product sold.

			II i9100, Galaxy S II T-Mobile, Galaxy Tab, Galaxy Tab 10.1 WiFi, Gem, Indulge, Infuse 4G, Mesmerize, Nexus S 4G, Transform, Vibrant
D'677 Patent	April 15, 2011 (original complaint)	Infringer's Profits or Reasonable Royalty or Lost Profits	Fascinate, Galaxy S i9000, Galaxy S 4G, Galaxy S II AT&T, Galaxy S II i9100, Galaxy S II T-Mobile, Galaxy S II Epic 4G Touch, Galaxy S II Skyrocket, Galaxy S Showcase i500, Infuse 4G, Mesmerize, Vibrant
Registered Trade Dress	April 15, 2011 (original complaint)	Infringer's Profits and Lost Profits (actual damages)	Fascinate, Galaxy S 4G, Galaxy S II AT&T, Galaxy S Showcase i500, Mesmerize, Vibrant
D'889 Patent	June 16, 2011 (amended complaint)	Infringer's Profits or Reasonable Royalty or Lost Profits	None
D'087 Patent	June 16, 2011 (amended complaint)	Infringer's Profits or Reasonable Royalty or Lost Profits	Galaxy S i9000, Galaxy S 4G, Vibrant
D'305 Patent	June 16, 2011 (amended complaint)	Infringer's Profits or Reasonable Royalty or Lost Profits	Captivate, Continuum, Droid Charge, Epic 4G, Fascinate, Galaxy S i9000, Galaxy S 4G, Galaxy S Showcase i500, Gem, Indulge, Infuse 4G, Mesmerize, Vibrant
Unregistered trade dress	N/A	Infringer's Profits and Lost Profits (actual damages)	Fascinate, Galaxy S i9000, Galaxy S Showcase i500, Mesmerize, Vibrant

Apple has provided to the Court and to the jury the numbers necessary to calculate the

1 infringer's profits and reasonable royalty awards based on Mr. Musika's damages numbers, but  
 2 with later notice dates. Thus, the Court can, for some products, calculate how much of the jury's  
 3 award compensated for the sales before Samsung had notice of the relevant IP. Indeed, where the  
 4 award simply compensated for too many sales, the situation is analogous to cases in which the jury  
 5 used a royalty base that was not supported by the evidence, and the Court found it permissible to  
 6 multiply the royalty rate by the correct royalty base. *See Cornell Univ.*, 609 F. Supp. 2d at 292.  
 7 For the products where this type of error occurred, the Court can calculate the appropriate  
 8 remittitur by multiplying the corrected maximum damages amount, adjusted per Mr. Musika's  
 9 instructions (*see* Tr. at 2073:21-2074:19; 2163:24-2164:7) to remove the sales before Samsung had  
 10 notice, by the multiplier used by the jury.

11 However, for other products, the jury awarded an impermissible *form* of damages for some  
 12 period of time, because Samsung had notice only of utility patents for some period, but an award of  
 13 infringer's profits was made covering the entire period from August 4, 2010 to June 15, 2012. For  
 14 these products, the Court cannot remedy the problem by simply subtracting the extra sales.

15 The products fall into four distinct categories, depending on the combination of IP infringed  
 16 and award made. The Court will discuss each in turn.

17 **a. Unregistered Trade Dress Dilution Does Not Require**  
 18 **Notice, Thus There Is No Excess Damages Award**

19 Damages for dilution of unregistered trade dress do not require notice for an award of  
 20 damages. *See PAF S.r.l. v. Lisa Lighting Co., Ltd.*, 712 F. Supp. 394, 401 (S.D.N.Y. 1989)  
 21 ("Moreover, the holder of a legal trademark, in this case unregistered trade dress, 'is under no  
 22 obligation to give advance notice of its rights to an infringer before seeking damages or injunctive  
 23 relief for infringement.'"); *see also* 4 Callmann on Unfair Comp., Tr. & Mono. § 23:79 (4th Ed.)  
 24 ("[S]tatutory notice is irrelevant to claims for infringement of an unregistered mark under § 43(a)  
 25 of the Lanham Act or under state law."). Moreover, infringer's profits are a permissible remedy  
 26 for dilution of registered and unregistered trade dresses. *See* 15 U.S.C. § 1117(a). Thus, for any  
 27 product for which the jury found dilution of unregistered trade dress, there can be no excess on the  
 28 basis of notice dates, because an award of Samsung's profits, the highest amount sought by Apple,

1 would be permissible for the entire period requested by Apple, from August 4, 2010 through the  
2 beginning of trial, based on trade dress dilution alone. Because the award is per sale, rather than  
3 per type of IP, *see Aero Products*, 466 F.3d at 1000, as long as the award of infringer's profits is  
4 authorized for any given sale, there is no need for the award to be separately authorized for each  
5 type of IP. There is thus no excess due to notice dates for the following products, all of which were  
6 found to dilute Apple's unregistered trade dress: Fascinate, Galaxy S 4G, Galaxy S II Showcase,  
7 Mesmerize, and Vibrant. Accordingly, the jury's award of \$381,683,562 for these 5 products  
8 stands.

9 **b. Impermissible Infringer's Profits Award**

10 Next, there are 8 phones for which the jury awarded 40% of Samsung's profits for the entire  
11 period, but for which, during some of the damages period, infringer's profits was not an authorized  
12 remedy. These phones are: Gem, Indulge, Infuse 4G, Galaxy SII AT&T, Captivate, Continuum,  
13 Droid Charge, and Epic 4G. All eight of these phones were found to infringe the '381 Patent, for  
14 which the correct notice date is August 4, 2010, and one or more design patents, for which the  
15 correct notice dates are later. However, an award based on infringer's profits was made for the  
16 entire time, without accounting for the fact that from August 4, 2010 until the filing of the relevant  
17 complaint, only a utility patent was infringed, and thus only an award of a reasonable royalty or  
18 Apple's lost profits was legally permissible.

19 The law requires the jury to award some amount of damages for each infringing sale. *See*  
20 35 U.S.C. § 284 ("Upon finding for the claimant the court *shall* award the claimant damages  
21 adequate to compensate for the infringement, but *in no event* less than a reasonable royalty for the  
22 use made of the invention by the infringer, together with interest and costs as fixed by the court.")  
23 (emphasis added). Thus, some of the jury's award of Samsung's profits had to compensate for  
24 sales between August 4, 2010 and April 15, 2011. However, as explained above, infringer's profits  
25 are not a permissible remedy for utility patent infringement. Thus, for these 8 phones, there is  
26 clearly a component of the award that is based on an impermissible legal theory, exactly as there  
27 was in *First Alliance Mortgage*. The awards for these 8 phones, accordingly, cannot stand.

28 For all of these products, Apple alleged infringement of a design patent in the April 15,



1 2011 original complaint or the June 16, 2011 amended complaint. An award of infringer's profits  
2 is thus authorized as of the time Samsung had notice of the relevant design patent. It is only the  
3 award from August 4, 2010 to the time of the filing of the relevant complaint that is excessive.  
4 However, the Court cannot simply trim off the period of the award before notice of the design  
5 patents, because the jury found that these 8 products infringed the '381 Patent, for which there *was*  
6 notice as of August 4, 2010. If the Court were to simply subtract all of the award made for the  
7 period before notice of the design patents, Apple would not be compensated for the sales made  
8 when Samsung had notice of the '381 Patent – a scenario that would run afoul of § 284's  
9 requirement that there be compensation for each infringing sale. Thus, to determine an appropriate  
10 remittitur, the Court would first have to subtract the award of Samsung's profits for the period  
11 made before notice of any design patent, and would then have to add an award to compensate for  
12 infringement of the '381 Patent for the period between August 4, 2010 and the appropriate notice  
13 date for each product.

14 However, as with the Galaxy Prevail, the Court cannot determine an appropriate award to  
15 replace the jury's impermissible award of Samsung's profits for this time period. Using the  
16 maximum amount supported by the evidence for one of the permissible forms of compensation (i.e.  
17 a reasonable royalty or Apple's lost profits) would be inconsistent with the jury's awards of 40% of  
18 Mr. Musika's calculation of Samsung's profits for these products, or for products for which a  
19 reasonable royalty was awarded, 50% of Mr. Musika's calculation of a reasonable royalty. Indeed,  
20 using the *maximum* amount the evidence could have supported for Apple's lost profits or a  
21 reasonable royalty might even result in an award *greater* than that made by the jury using the  
22 impermissible method – an outcome clearly inconsistent with the Seventh Amendment.

23 Moreover, Mr. Musika did not testify as to how the jury (or the Court) could calculate  
24 Apple's lost profits for a shorter time period. Although he did offer testimony as to how to  
25 calculate a reasonable royalty for a shorter time period, *see* Tr. 2074:4-19, the sales data the parties  
26 provided is broken down only by quarter, and is not sufficiently specific to allow the Court to  
27 calculate the correct amount for sales in quarters where notice occurred in the middle of the  
28 quarter. Thus, the Court cannot calculate the appropriate amount of Apple's lost profits or a

1 reasonable royalty for the '381 Patent for the relevant time period before notice of the other  
2 patents. Accordingly, there is no readily identifiable amount that the Court could remit to remedy  
3 this problem.

4 Nor would it be appropriate for the Court to leave the award intact despite the apparent  
5 error, simply because there exists some theory on which the jury might have made such an award.  
6 Such a ruling would entail precisely the type of "bending over backward" forbidden by *First*  
7 *Alliance Mortgage*. As the Court can neither calculate an appropriate remittitur nor leave the  
8 award intact, the only remaining possibility is to conduct a new trial on damages for these 8  
9 products.

10 Furthermore, it was Apple's strategic decision to submit an expert report using an  
11 aggressive notice date for all of the patents. The need for a new trial could have been avoided had  
12 Apple chosen a more circumspect strategy or provided more evidence to allow the jury or the Court  
13 to determine the appropriate award for a shorter notice period. Accordingly, the Court ORDERS  
14 that a new trial be conducted on the amount of damages for the Gem, Indulge, Infuse 4G, Galaxy  
15 SII AT&T, Captivate, Continuum, Droid Charge, and Epic 4G, and strikes \$383,467,143 from the  
16 jury's award.

17 **c. Infringer's Profits Permissible But Damages Period Too**  
18 **Long**

19 For an additional 3 phones, the jury used Mr. Musika's calculations that assumed the  
20 August 4, 2010 notice dates for all patents, but none of these phones infringed the '381 Patent, the  
21 only Patent for which the August 4, 2010 date was supported. All three of these phones did,  
22 however, infringe the D'677 Patent, meaning that Samsung's profits *are* a permissible remedy  
23 beginning with the filing of the original complaint. In other words, these phones are similar to the  
24 8 phones discussed above, but they were not found to infringe the '381 Patent, so there is no need  
25 to determine an appropriate award for the gap between August 4, 2010 and the filing of the relevant  
26 complaint, and the Court can simply subtract the damages awarded for the extra days without the  
27 need to substitute an alternative award. These 3 phones are: Galaxy S II Skyrocket, Galaxy S II  
28 Epic 4G Touch, and Galaxy S II T-Mobile.

1 Samsung had notice of the D'677 Patent by April 15, 2011 (the date of filing of Apple's  
2 original complaint, which included the D'677 Patent). Thus, to remedy any overcompensation, the  
3 Court would need to subtract any amount awarded for the period between August 4, 2010 and  
4 April 15, 2011. However, the numbers underlying Mr. Musika's calculations show that these  
5 products were not sold before April 15, 2011. Specifically, JX1500, the table which the parties  
6 agreed showed sales and revenue per quarter for each accused phone, shows that the Galaxy S II  
7 Epic 4G Touch was first sold in the third quarter of 2011, and the Galaxy S II Skyrocket and  
8 Galaxy S II T-Mobile were both first sold in the fourth quarter of 2011 – both *after* the original  
9 complaint was filed, giving Samsung notice of the D'677 Patent. Thus, for products for which  
10 there were no sales prior to June 15, 2011, there were no damages awarded for the period prior to  
11 that date. Consequently, none of the sales that went into Mr. Musika's calculation of Samsung's  
12 profits for these three phones was made before Samsung had notice. Accordingly, there is no  
13 excess for these three phones, and the jury's award stands. Samsung's motion for a new trial on  
14 damages or remittitur for Galaxy S II Skyrocket, Galaxy S II Epic 4G Touch, and Galaxy S II T-  
15 Mobile is DENIED. The jury's award of \$216,392,254 for these products stands.

16 **d. Reasonable Royalty Awarded But Damages Period Too Long**

17 Finally, for five phones, (Exhibit 4G, Galaxy Tab, Nexus S 4G, Replenish, and Transform),  
18 the jury awarded amounts that represent exactly half of Mr. Musika's reasonable royalty  
19 calculations. However, these numbers were, as described above, based on incorrect notice dates  
20 for several of the patents.

21 For these phones, the Court could, in theory, adjust Mr. Musika's reasonable royalty  
22 amounts to account for the proper notice dates for each patent, and then calculate half of that  
23 number for each of the five phones to arrive at an amount consistent with the jury's award, but  
24 adjusted for correct notice dates. Mr. Musika provided the per-unit royalty rate for each patent, *see*  
25 PX25A1 at 16, and the parties jointly provided the number of units of each product sold per  
26 quarter. *See* JX1500.

27 However, the two later notice dates that apply for the design patents (April 15, 2011 and  
28 June 16, 2011) both fall somewhere in the middle of the second quarter of 2011, and thus do not

1 correspond with the dates on which quarters begin or end. The parties have presented no evidence  
2 of sales in more specific time frames, so as to permit an accurate apportionment of Samsung's sales  
3 throughout the second quarter of 2011. As the sales of these products may not have been evenly  
4 distributed throughout the quarter, the evidence is not sufficient to support even a pro-rated award  
5 for the sales in the second quarter of 2011, because such an award might include sales for which  
6 Samsung had no notice. Moreover, calculating a reasonable royalty beginning with the third  
7 quarter of 2011 would leave Apple uncompensated for some number of sales occurring during the  
8 second quarter of that year. Thus, the Court can neither calculate a pro-rated award for the second  
9 quarter of 2011 nor begin the award with the third quarter of 2011.

10 Because the award is excessive but the Court cannot accurately calculate the correct number  
11 of sales on which to base a remittitur, the Court ORDERS a new trial for the Exhibit 4G, Galaxy  
12 Tab, Nexus S 4G, Replenish, and Transform, and strikes \$9,180,124 from the award.

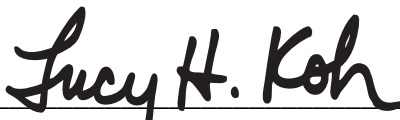
### 13 CONCLUSION

14 Apple's motion for an increase in the jury's damages award is DENIED. The Court  
15 declines to determine the amount of prejudgment interest or supplemental damages until after the  
16 appeals in this case are resolved.

17 Because the Court has identified an impermissible legal theory on which the jury based its  
18 award, and cannot reasonably calculate the amount of excess while effectuating the intent of the  
19 jury, the Court hereby ORDERS a new trial on damages for the following products: Galaxy  
20 Prevail, Gem, Indulge, Infuse 4G, Galaxy SII AT&T, Captivate, Continuum, Droid Charge, Epic  
21 4G, Exhibit 4G, Galaxy Tab, Nexus S 4G, Replenish, and Transform. This amounts to  
22 \$450,514,650 being stricken from the jury's award. The parties are encouraged to seek appellate  
23 review of this Order before any new trial.

24 The jury's award stands for the Galaxy Ace, Galaxy S (i9000), Galaxy S II i9100, Galaxy  
25 Tab 10.1 WiFi, Galaxy Tab 10.1 4G LTE, Intercept, Fascinate, Galaxy S 4G, Galaxy S II  
26 Showcase, Mesmerize, Vibrant, Galaxy S II Skyrocket, Galaxy S II Epic 4G Touch, and Galaxy S  
27 II T-Mobile. The total award for these 14 products is \$598,908,892.

28 **IT IS SO ORDERED.**



LUCY H. KOH  
United States District Judge

Dated: March 1, 2013, 2013

United States District Court  
For the Northern District of California

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