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**UNITED STATES DISTRICT COURT  
CENTRAL DISTRICT OF CALIFORNIA**

THE CALIFORNIA INSTITUTE OF  
TECHNOLOGY,

Plaintiff,

vs.

BROADCOM LIMITED, BROADCOM  
CORPORATION, AVAGO  
TECHNOLOGIES LIMITED, AND  
APPLE INC.,

Defendants.

BROADCOM LIMITED, BROADCOM  
CORPORATION, AVAGO  
TECHNOLOGIES LIMITED, AND  
APPLE INC.,

Counterclaim-  
Plaintiffs,

vs.

THE CALIFORNIA INSTITUTE OF  
TECHNOLOGY,

Counterclaim-  
Defendant.

NO. CV 16-3714-GW-AGR<sub>x</sub>

**JUDGMENT**

Hon. George H. Wu  
United States District Judge

1 This action was tried to a jury beginning on January 14, 2020, in Courtroom  
2 9D of the above-entitled Court, before the Honorable District Court Judge George H.  
3 Wu. On January 29, 2020, the jury returned a verdict in favor of Plaintiff the  
4 California Institute of Technology (“Caltech” or “Plaintiff”) and against Defendants  
5 Broadcom Limited, Broadcom Corporation, Avago Technologies Limited  
6 (collectively, “Broadcom”) and Apple Inc. (“Apple”) on all questions except the  
7 question of willful infringement. Dkt. 2114 (redacted); Dkt. 2115 (sealed).

8 **NOW THEREFORE, IT IS ORDERED, ADJUDGED, AND DECREED**  
9 **THAT JUDGMENT IS HEREBY ENTERED IN THIS MATTER AS**  
10 **FOLLOWS:**

11 1. Broadcom has infringed Claims 20 and 22 of U.S. Patent No. 7,116,710  
12 (“the ’710 Patent”); Claims 11 and 18 of U.S. Patent No. 7,421,032 (“the ’032  
13 Patent”); and Claim 13 of U.S. Patent No. 7,916,781 (“the ’781 Patent”).

14 2. Broadcom has not willfully infringed Claims 20 and 22 of the ’710  
15 Patent; Claims 11 and 18 of the ’032 Patent; or Claim 13 of the ’781 Patent.

16 3. Apple has infringed Claims 20 and 22 of the ’710 Patent; Claims 11 and  
17 18 of the ’032 Patent; and Claim 13 of the ’781 Patent.

18 4. Apple has not willfully infringed Claims 20 and 22 of the ’710 Patent;  
19 Claims 11 and 18 of the ’032 Patent; or Claim 13 of the ’781 Patent.

20 5. Claims 20 and 22 of the ’710 Patent; Claims 11 and 18 of the ’032 Patent;  
21 and Claim 13 of the ’781 Patent are not invalid under 35 U.S.C. §103; 35 U.S.C. §102;  
22 35 U.S.C. §112; or 35 U.S.C. §101.

23 6. Judgment is entered against Broadcom and Apple on their counterclaims  
24 and/or affirmative defenses of non-infringement; invalidity; laches, waiver, estoppel,  
25 unclean hands; inequitable conduct; preclusion; and failure to mark.

26 7. Caltech shall recover (1) \$270,241,171.00 from Broadcom on the jury  
27 verdict; (2) \$18,004,985.49 in pre-judgment interest on the jury’s verdict from  
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1 Broadcom; (3) \$837,801,178.00 from Apple on the jury verdict; (4) \$47,640,650.64  
2 in pre-judgment interest on the jury's verdict from Apple.

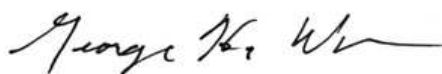
3 8. As provided in 28 U.S.C. § 1961, Caltech shall also recover post-  
4 judgment interest, running from the date of this Judgment until the Judgment is paid,  
5 on all amounts listed in paragraph 7 above, as well as on any supplemental damages,  
6 if awarded, at a rate equal to the weekly average one-year constant maturity Treasury  
7 yield as of the week preceding the date of this Judgment, compounded annually.

8 9. Caltech shall recover an ongoing royalty from both Apple and Broadcom  
9 at the rates set by the jury verdict. The Court will determine the products to which  
10 this ongoing royalty applies after the anticipated appeal in this action is resolved.  
11 Caltech shall also recover post-judgment interest on any ongoing royalties, running  
12 from the date of accrual until the Judgment is paid, at a rate equal to the weekly  
13 average one-year constant maturity Treasury yield as of the week preceding the date  
14 of this Judgment, compounded annually.

15 10. The Court will resolve the pending request for supplemental damages  
16 after the anticipated appeal in this action is resolved.

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DATED: August 3, 2020

  
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HON. GEORGE H. WU  
United States District Judge