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11

12 **UNITED STATES DISTRICT COURT**  
13 **FOR THE NORTHERN DISTRICT OF CALIFORNIA**  
14 **SAN JOSE DIVISION**

15 ALAIN LIEBERMANN and ROMEO JAMES  
16 ALBA, on behalf of themselves and all others  
similarly situated,

17 Plaintiffs,

18 v.

19 APPLE INC., a California Corporation,

20 Defendant.  
21

Case No. 5:18-cv-00110

**CLASS ACTION COMPLAINT**

DEMAND FOR JURY TRIAL

22 Plaintiffs Alain Liebermann and Romeo James Alba (collectively, “Plaintiffs”), by and through  
23 their attorneys, make the following allegations pursuant to the investigation of their counsel and based  
24 upon information and belief, except as to allegations specifically pertaining to themselves and their  
25 counsel, which are based on personal knowledge, against defendant Apple Inc. (“Apple” or  
26 “Defendant”).  
27  
28

**NATURE OF THE ACTION**

1  
2 1. This is a class action relating to Apple’s unlawful and deceptive practice of  
3 intentionally slowing down or “throttling” the performance of certain iPhone models, including the  
4 iPhone 6, 6 Plus, 6s, 6s Plus, SE, 7, and 7 Plus models (the “Devices”).

5 2. Since introducing the first iPhone in 2007, Apple has inspired a degree of brand loyalty  
6 among its customers that few companies have matched.<sup>1</sup> As a result, when iPhone users find the  
7 performance of their iPhones has begun to decline so that the phone must be replaced, they tend to  
8 upgrade to a newer iPhone model.

9 3. Unfortunately for many of its customers, Apple has not shown them the same degree  
10 of loyalty. Instead, Apple has deceptively slowed the performance of the Devices through software  
11 updates, causing many owners to take the unnecessary and expensive step of upgrading their phones  
12 prematurely. Apple intentionally reduced the performance of the Devices while denying users  
13 material information that would have allowed consumers to restore Device performance while  
14 avoiding a costly upgrade.

15 4. Specifically, unbeknownst to Device users, updated versions of Apple’s iOS operating  
16 system were designed to deliberately slow the processor (“CPU”) speed of the Devices as their  
17 lithium-ion battery ages. This practice misleads users to believe that their Device is slow and operates  
18 poorly due to reduced processing performance and that the Device needs to be replaced, when, in  
19 reality, there may simply be a deficiency in battery power. As a result, Plaintiffs and many other  
20 Device owners have prematurely upgraded their Devices rather than taking the far less expensive step  
21 of replacing the phone’s lithium-ion battery.

22 5. Notably, there is no evidence that any other smartphone manufacturers throttle their  
23 products through software updates. In fact, several of Apple’s competitors have already affirmatively  
24 stated they do not perform this type of throttling on their older models of smartphones.

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26  
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<sup>1</sup> See, e.g., *Apple has a huge advantage over its rivals ahead of the iPhone 8 release (AAPL)*,  
28 BusinessInsider.com, <http://markets.businessinsider.com/news/stocks/apple-stock-price-morgan-stanley-note-2017-5-1002022779-1002022779> (last visited January 5, 2018).



1 **JURISDICTION AND VENUE**

2 10. The Court has subject matter jurisdiction over this action pursuant to 28 U.S.C.  
3 § 1332(d) because there are more than 100 Class members and the aggregate amount in controversy  
4 exceeds \$5,000,000, exclusive of interest, fees, and costs, and at least one Class member is a citizen of  
5 a state different from Defendant.

6 11. Venue is proper in this District pursuant to 28 U.S.C. § 1391 because Defendant is  
7 headquartered in this District, and a substantial part of the events and omissions giving rise to Plaintiffs’  
8 claims occurred in this District, including Apple’s design and marketing of the Devices from its  
9 headquarters in Cupertino, California, and that Apple’s wrongful actions harmed consumers who live  
10 in this District and purchased Devices in this District.

11 **INTRADISTRICT ASSIGNMENT**

12 12. Pursuant to Civil L.R. 3-2(c), this civil action should be assigned to the San Jose  
13 Division, because a substantial part of the events or omissions giving rise to the claims occurred in the  
14 county of Santa Clara, where Apple is headquartered.

15 **APPLICATION OF CALIFORNIA LAW TO THE CLASS IS APPROPRIATE**

16 13. Application of California law to the claims of the Class is appropriate because Defendant  
17 maintains its headquarters in Cupertino, California.

18 14. On information and belief, Defendant also made corporate decisions from its California  
19 headquarters concerning how the iOS software updates would affect the performance of its Devices  
20 and what information to disclose to Plaintiffs and the Class regarding throttling and battery issues with  
21 its Devices—the subject matter of this litigation.

22 **FACTUAL ALLEGATIONS**

23 15. Since introducing the iPhone in 2007, Apple has regularly released new iPhone models  
24 and has gained a loyal customer base. For many iPhone users, the question has been not whether they  
25 will buy a new iPhone, but when.

26 16. In recent years, Apple has released the iPhone 6 and 6 Plus (September 2014), 6s and 6s  
27 Plus (September 2015), SE (March 2016), 7 and 7 Plus (September 2016), 8 (September 2017), and X  
28

1 (November 2017). The latest iPhone X made headlines with its hefty retail price of approximately  
2 \$1,000.

3 17. Apple's iPhones feature a rechargeable lithium-ion battery and run Apple's iOS mobile  
4 operating system. Over the past decade, along with its release of new generations of iPhones, Apple  
5 has released new versions of its iOS, claiming to offer new features, bug fixes, and other improvements.

6 18. Many users, including Plaintiffs, have noted a marked slow-down and reduction in  
7 performance of their Devices after making an iOS update.

8 19. Further, some users noticed that Device performance after an iOS update was linked to  
9 battery age. In other words, a user whose Device performance was reduced after an iOS upgrade could  
10 restore performance by replacing the Device's lithium-ion battery.

11 20. Although users reasonably expect that the ability of the iPhone's lithium-ion battery to  
12 hold a charge will diminish with time and use, such battery degradation does not normally impact  
13 overall Device performance. Nevertheless, Apple had intentionally and surreptitiously linked CPU  
14 performance with battery age through its iOS updates. Thus, once a user updates the iOS for their  
15 Device, CPU speed was increasingly throttled, causing a serious decrease in the performance of the  
16 Devices, even in some cases where the device is not very old.

17 21. Last week, after a developer posted test results which compared the performance of  
18 different Devices running different versions of iOS and indicated certain Devices were indeed being  
19 slowed down through the iOS update,<sup>2</sup> Apple issued a statement, attempting to characterize the  
20 throttling as a "feature" developed for certain iPhone models:

21 Our goal is to deliver the best experience for customers, which includes overall  
22 performance and prolonging the life of their devices. Lithium-ion batteries become  
23 less capable of supplying peak current demands when in cold conditions, have a low  
battery charge or as they age over time, which can result in the device unexpectedly  
shutting down to protect its electronic components.

24 Last year we released a feature for iPhone 6, iPhone 6s and iPhone SE to smooth out  
25 the instantaneous peaks only when needed to prevent the device from unexpectedly  
26 shutting down during these conditions. We've now extended that feature to iPhone 7  
with iOS 11.2, and plan to add support for other products in the future.

27  
28 <sup>2</sup> See *iPhone Performance and Battery Age*, GeekBench.com, <https://www.geekbench.com/blog/2017/12/iphone-performance-and-battery-age/> (last visited January 5, 2018).

1 *Why Your iPhone Is Slowing Down*, Forbes.com, [https://www.forbes.com/sites/gordonkelly/](https://www.forbes.com/sites/gordonkelly/2017/12/21/apple-iphone-battery-life-slow-iphone-performance-ios11-battery/#75074a0e674b)  
2 [2017/12/21/apple-iphone-battery-life-slow-iphone-performance-ios11-battery/#75074a0e](https://www.forbes.com/sites/gordonkelly/2017/12/21/apple-iphone-battery-life-slow-iphone-performance-ios11-battery/#75074a0e674b)  
3 [674b](https://www.forbes.com/sites/gordonkelly/2017/12/21/apple-iphone-battery-life-slow-iphone-performance-ios11-battery/#75074a0e674b) (last visited January 5, 2018).

4  
5 22. In essence, Apple claims it started the practice approximately a year ago to compensate  
6 for battery degradation and, in particular, to avoid unexpected shut downs of Devices when the Device  
7 battery is unable to handle demand created by processor speeds. Apple’s explanation misses the mark.

8 23. Contrary to its statement, Apple is not “prolonging the life” of the Devices through  
9 throttling; rather, it is shortening the life of its Devices by intentionally reducing its Devices’ CPU  
10 speed, crippling Device performance, and causing users to replace their Devices prematurely.

11 24. Nor is Apple’s throttling practice compensating for diminished battery life. Instead,  
12 throttling has served as a clumsy and deceptive means of concealing a distinct problem—namely, that  
13 Apple’s batteries do not have the capacity to support the Devices over the length of their expected  
14 product life.

15 25. Lithium-ion batteries degrade over time. However, this problem has been more  
16 pronounced in the iPhone, which has used a relatively small lithium-ion battery. Some iPhone users  
17 have experienced the effects of battery degradation through their iPhones abruptly shutting down even  
18 while they indicate the battery holds a charge. This shutdown occurs due to the batteries’ inability to  
19 handle the demand created by Device processor speeds.

20 26. Apple has claimed that it throttles the CPU’s maximum frequency to avoid such  
21 shutdowns.

22 27. After being throttled, the Devices’ performance speed is noticeably decreased causing  
23 applications to open and close slowly, and generally run poorly. These effects are particularly  
24 frustrating to owners as the Devices often immediately operate worse after completing software  
25 updates—updates that are marketed as being an improvement to the Devices.

26 28. Apple has stated that this practice began with iOS 10.2.1 and was employed most  
27 recently on the iPhone 7 with iOS 11.2.  
28

1           29.     Shortly after Apple released iOS 10.2.1 in January 2017, it issued a statement noting  
2 that it had “made improvements” to reduce the shutdowns that a “small number” of iPhone users were  
3 experiencing with their phones. Apple claimed that its fix had reduced the shutdown problem, which  
4 it characterized as an inconvenience, not a safety issue, by about 80%:

5           With iOS 10.2.1, Apple made improvements to reduce occurrences of unexpected  
6 shutdowns that a small number of users were experiencing with their iPhone. iOS  
7 10.2.1 already has over 50% of active iOS devices upgraded and the diagnostic data  
8 we’ve received from upgraders shows that for this small percentage of users  
9 experiencing the issue, we’re seeing a more than 80% reduction in iPhone 6s and over  
10 70% reduction on iPhone 6 of devices unexpectedly shutting down.

11           We also added the ability for the phone to restart without needing to connect to power,  
12 if a user still encounters an unexpected shutdown. It is important to note that these  
13 unexpected shutdowns are not a safety issue, but we understand it can be an  
14 inconvenience and wanted to fix the issue as quickly as possible . . . .

15           *See Apple says iOS 10.2.1 has reduced unexpected iPhone 6s shutdown issues by 80%,*  
16 *TechCrunch.com, [https://techcrunch.com/2017/02/23/apple-says-ios-10-2-1-has-reduced-unexpected-](https://techcrunch.com/2017/02/23/apple-says-ios-10-2-1-has-reduced-unexpected-iphone-6s-shutdown-issues-by-80/)*  
17 *[iphone-6s-shutdown-issues-by-80/](https://techcrunch.com/2017/02/23/apple-says-ios-10-2-1-has-reduced-unexpected-iphone-6s-shutdown-issues-by-80/) (last visited January 5, 2018).*

18           30.     Apple now claims that the shutdown issue it previously characterized as an  
19 inconvenience impacting a small percentage of users is the reason it has throttled the Devices of  
20 hundreds, if not thousands of users, many of whom were not experiencing abrupt shutdowns prior to  
21 updating their iOS.

22           31.     The iPhone’s one-year warranty includes service coverage for a defective battery. If the  
23 phone is out of warranty, Apple offers a battery service for \$79, plus shipping and tax. Apple also offers  
24 AppleCare+ for iPhones to extend coverage to two years from the date of original purchase.

25           32.     If Device batteries were defective or degraded, Apple could and should have offered  
26 replacement batteries or alerted users that their batteries were due to be replaced. Instead, Apple  
27 masked the fact that the iPhone’s batteries are not equipped to maintain expected performance levels  
28 over the reasonable life of the Devices, and deceptively reduced the processor performance in the  
Devices without users’ knowledge or consent, crippling the Devices and creating the false impression  
that the Devices themselves needed to be replaced.

          33.     There is no evidence nor allegations that other smartphone manufacturers throttle their  
users’ smartphones. Several of Apple’s competitors have recently affirmed that they do not

1 intentionally reduce their products' performance through software updates leading the public to  
2 reasonably believe that Apple alone does this.

3 34. Device users, including Plaintiffs, experienced a loss in value of their Devices when  
4 updating their iOS and, as a result of the decreased performance of their Devices after such iOS update,  
5 prematurely purchased new replacement phones for hundreds of dollars. Many users, including  
6 Plaintiff Liebermann, purchased such replacement phones from Apple.

7 35. Apple omitted material information from its customers. Specifically, it failed to inform  
8 customers that by upgrading their Devices to iOS 10.2.1 and/or later operating systems, Apple would  
9 intentionally and severely slow the performance of the Devices as the battery ages.

10 36. Apple also failed to inform consumers that phone performance would be restored if  
11 affected individuals simply replaced the Device's battery at a cost of less than \$100. Without such  
12 battery replacement, there is no way for a Device user to avoid Apple's throttling once the Device  
13 battery is degraded, which occurs well before the reasonably expected end of the Device's product life.  
14 Indeed, even the iPhone 7 is being throttled after just one year of release. Instead, Apple's practice of  
15 throttling the Devices misled consumers into replacing their Devices prematurely and at great expense.

16 **CLASS ALLEGATIONS**

17 37. Plaintiffs bring this action on behalf of themselves and the members of the proposed  
18 Class under Rule 23(a), (b)(2), (b)(3), and/or (c)(4) of the Federal Rules of Civil Procedure. The  
19 proposed Class consists of the following:

20 All persons in the United States who (1) own a Device which was throttled due to an iOS  
21 software update, or (2) who owned a Device and replaced it with a newer mobile phone  
due to the throttling resulting from an iOS software update.

22 38. Plaintiffs reserve the right to redefine the Class prior to certification after having the  
23 opportunity to conduct discovery.

24 39. Excluded from the Class are Defendant, its parents, subsidiaries, affiliates, officers and  
25 directors, any entity in which Defendant has a controlling interest, and all judges assigned to hear any  
26 aspect of this litigation, as well as their immediate family members.

1           40.    Numerosity. Fed. R. Civ. P. 23(a)(1). The members of the Class are so numerous that  
2 joinder is impractical. The Class consists of millions of members, the precise number which is within  
3 the knowledge of and can be ascertained only by resort to Defendant's records.

4           41.    Commonality. Fed. R. Civ. P. 23(a)(2) and (b)(3). There are numerous questions of  
5 law and fact common to the Class, which predominate over any questions affecting only individual  
6 members of the Class. Among the questions of law and fact common to the Class are:

- 7           a) Whether Defendant intentionally throttled Devices through iOS software updates;
- 8           b) Whether Defendant should have disclosed it throttled Devices through iOS software  
9           updates;
- 10           c) Whether Defendant should have disclosed that during the useful life of the iPhones, the  
11           Devices could not withstand iOS software updates and would require battery  
12           replacements;
- 13           d) Whether Defendant's representations it made about the Devices' batteries were false or  
14           misleading;
- 15           e) Whether Defendant should have notified owners of Devices that the throttling could be  
16           avoided by replacing the battery;
- 17           f) Whether Defendant throttled Devices in order to profit off of Plaintiffs and the Class by  
18           inducing them to purchase new iPhones;
- 19           g) Whether Defendant was unjustly enriched as a result of its acts complained of herein;
- 20           h) Whether Defendant engaged in deceptive, unfair, and/or unlawful business practices  
21           under California law;
- 22           i) Whether Defendant violated the Computer Fraud and Abuse Act as a result of its acts  
23           complained of herein;
- 24           j) Whether Defendant breached the implied contract as a result of its acts complained of  
25           herein;
- 26           k) Whether Defendant engaged in fraudulent concealment as a result of its acts complained  
27           of herein;
- 28           l) Whether Class members are entitled to damages, and in what amount; and
- m) Whether injunctive relief is appropriate, and what that relief should be.

          42.    Typicality. Fed. R. Civ. P. 23(a)(3). Plaintiffs' claims are typical of the claims of the  
members of the Class and, like all members of the Class, Plaintiffs owned Devices which were  
deceptively throttled due to an iOS software update. Due to the slowed performance after the software

1 update, like other Class members, Plaintiff Liebermann was induced to purchase new mobile phones.  
2 Accordingly, Plaintiffs have no interests antagonistic to the interests of any other member of the Class.

3 43. Adequacy. Fed. R. Civ. P. 23(a)(4). Plaintiffs are representatives who will fairly and  
4 adequately assert and protect the interests of the Class, and retained counsel experienced in prosecuting  
5 class actions. Accordingly, Plaintiffs are adequate representatives and will fairly and adequately protect  
6 the interests of the Class.

7 44. Superiority of Class Action. Fed. R. Civ. P. 23(b)(3). A class action is superior to all  
8 other available methods for the fair and efficient adjudication of this lawsuit, because individual  
9 litigation of the claims of all members of the Class is economically unfeasible and procedurally  
10 impracticable. While the aggregate damages sustained by the Class are in the millions of dollars, the  
11 individual damages incurred by each member of the Class resulting from Defendant's wrongful conduct  
12 are too small to warrant the expense of individual lawsuits. The likelihood of individual Class members  
13 prosecuting their own separate claims is remote, and even if every member of the Class could afford  
14 individual litigation, the court system would be unduly burdened by individual litigation of such cases.

15 45. The prosecution of separate actions by members of the Class would create a risk of  
16 establishing inconsistent rulings and/or incompatible standards of conduct for Defendant. Additionally,  
17 individual actions may be dispositive of the interests of the Class, although certain Class members are  
18 not parties to such actions.

19 46. Injunctive and Declaratory Relief. Fed. R. Civ. P. 23(b)(2). The conduct of Defendant  
20 is generally applicable to the Class as a whole and Plaintiffs seek equitable remedies with respect to  
21 the Class as a whole. As such, the systematic policies and practices of Defendant make declaratory or  
22 equitable relief with respect to the Class as a whole appropriate.

23 47. Issue Certification. Fed. R. Civ. P. 23(c)(4). In the alternative, the common questions  
24 of law and fact, set forth in Paragraph 41, are appropriate for issue certification on behalf of the  
25 proposed Class.  
26  
27  
28

**COUNT I**

***Unfair Business Practices***  
(California Business & Professions Code §§ 17200, *et seq.*  
Unfair Competition Law (“UCL”))

48. Plaintiffs incorporate and reallege by reference each and every allegation above as if set forth herein in full.

49. The UCL defines unfair business competition to include any “unlawful, unfair or fraudulent” act or practice, as well as any “unfair, deceptive, untrue or misleading” advertising. Cal. Bus. & Prof. Code § 17200.

50. During the relevant time period, Plaintiffs and Class members purchased and were the rightful owners of the Devices. Nevertheless, Defendant intentionally slowed the Devices’ processing speeds through seemingly innocuous software updates. This throttling reduced the value and level of performance of the Devices and induced owners to prematurely purchase new mobile devices, often new iPhones. Defendant’s competitors do not surreptitiously throttle their various models of smartphones through software updates or otherwise.

51. Defendant’s practices constitute unfair business practices in violation of the UCL because, among other things, they are immoral, unethical, oppressive, unscrupulous, or substantially injurious to customers and/or any utility of such practices is outweighed by the harm caused to customers. Defendant’s practices violate the legislative policies of the underlying statutes alleged herein; namely, protecting customers from unfair business practices and preventing persons from being injured by misleading advertising. Defendant’s practices caused substantial injury to Plaintiffs and members of the Class and are not outweighed by any benefits, and Plaintiffs and members of the Class could not have reasonably avoided their injuries.

52. As a result of Defendant’s unfair business practices, Plaintiffs have suffered injury in fact and a loss of money or property because they suffered from reduced processing speed on their Devices after completing a software update. Moreover, Plaintiff Lieberman was induced into prematurely purchasing a new iPhone. Plaintiff Lieberman paid for a new iPhone due to omissions and/or material misrepresentations made by Defendant as alleged herein, something he would not have

1 done had the true nature of the reason for and result of completing software updates on Devices been  
2 fully disclosed.

3 53. Pursuant to Business and Professions Code § 17204, Plaintiffs and the Class are entitled  
4 to an order of this Court enjoining such conduct on the part of Defendant, specifically, (1) prohibiting  
5 Defendant from throttling Devices during the process of issuing software updates; (2) requiring  
6 Defendant to disclose any throttling that will occur as a result of future software updates; and  
7 (3) requiring Defendant to reinstate the previous processing speeds to those with Devices that have  
8 requested such remedy. Additionally, Plaintiffs and the Class are entitled to restitution of monies paid  
9 for iPhones and battery replacements. Plaintiffs and the Class are also entitled to any other orders and  
10 judgments that may be necessary to provide for complete equitable monetary relief by disgorging  
11 Defendant's ill-gotten gains, including the monies Defendant received or saved as a result of its  
12 wrongful acts and practices detailed herein.

## 13 COUNT II

### 14 *Fraudulent Business Practices*

15 (California Business & Professions Code §§ 17200, *et seq.*)

16 54. Plaintiffs incorporate and reallege by reference each and every allegation above as if set  
17 forth herein in full.

18 55. A business act or practice is "fraudulent" under the UCL if it is likely to deceive  
19 members of the consuming public.

20 56. During the relevant time period, Defendant misrepresented and omitted material facts it  
21 was obligated to, or should have disclosed, regarding the fact that the software updates on Devices  
22 intentionally slowed the Devices' processing speed. Additionally, during the relevant time period,  
23 Defendant misrepresented and omitted material facts it was obligated to or should have disclosed  
24 regarding the Devices' battery issues and/or reason for throttling the Devices after a software update  
25 was completed. Plaintiffs relied on their understanding that Defendant would not intentionally reduce  
26 their Devices' performance through software updates.

27 57. Such information with respect to the throttling of Devices, as well as the battery issues  
28 and/or battery replacement of Devices, was material to Plaintiffs in that as reasonable customers they

1 would have considered such information to be a substantial factor in deciding whether to update the  
2 software of the Device and/or purchase a Device. Plaintiffs and the Class had a reasonable expectation  
3 that Defendant would not misrepresent and/or omit material facts concerning the reason for and result  
4 of completing software updates on Devices.

5 58. Such acts and practices of Defendant, as described herein, constitute “fraudulent”  
6 business practices under California Business and Professions Code §§ 17200, *et seq.* in that such  
7 conduct was and is likely to deceive reasonable customers into believing software updates on their  
8 Devices, without any disclosure about throttling, would not intentionally degrade their Devices’  
9 performance.

10 59. As a result of Defendant’s fraudulent business practices, Plaintiffs have suffered injury-  
11 in-fact and a loss of money or property.

12 60. Pursuant to California Business and Professions Code § 17204, Plaintiffs and the Class  
13 are entitled to an order of this Court enjoining such conduct on the part of Defendant, specifically,  
14 (1) prohibiting Defendant from throttling Devices during the process of issuing software updates; (2)  
15 requiring Defendant to disclose any throttling that will occur as a result of future software updates; and  
16 (3) requiring Defendant to reinstate the previous processing speeds to those with Devices that have  
17 requested such remedy. Additionally, Plaintiffs and the Class are entitled to restitution of monies paid  
18 for iPhones and battery replacements. Plaintiffs and the Class are also entitled to any other orders and  
19 judgments that may be necessary to provide for complete equitable monetary relief by disgorging  
20 Defendant’s ill-gotten gains, including the monies Defendant received or saved as a result of its  
21 wrongful acts and practices detailed herein.

### 22 **COUNT III**

#### 23 ***Unlawful Business Practices***

24 (California Business & Professions Code §§ 17200, *et seq.*)

25 61. Plaintiffs incorporate and reallege by reference each and every allegation above as if set  
26 forth herein in full.

27 62. A business act or practice is “unlawful” under the UCL if it violates any other law or  
28 regulation.



1 slow processing speeds of the Devices once completed. Defendant also made misrepresentations of  
2 material fact to Plaintiffs and the Class regarding the battery issues and withheld the fact that the  
3 throttling of Devices could be avoided by simply replacing the battery. Moreover, Defendant knew  
4 that its omissions and representations were false and/or misleading when it made them.

5 69. Defendant had a duty to disclose the concealed facts to Plaintiffs and the Class because  
6 it had the exclusive knowledge regarding the true effect of the software update on Devices and that the  
7 throttling could be avoided by replacing the battery. Plaintiffs would have acted differently had they  
8 known the truth; they either would not have completed the software updates on their Devices and/or  
9 they would not have purchased iPhones.

10 70. Defendant made material misrepresentations and concealed material facts alleged herein  
11 intentionally with the goal that Plaintiffs and the Class would rely on the misrepresentations and  
12 omissions to their detriment and to the benefit of Defendant.

13 71. As a result of the concealment of material facts and misrepresentations, Plaintiffs and  
14 Class members sustained damages by incurring the cost of new iPhones or battery replacements due to  
15 the throttling on Devices and also due to poor performance and the artificially reduced value of their  
16 Devices because of the intentional throttling. Because Defendant engaged in this conduct with willful  
17 and malicious intent, Plaintiffs and the Class are entitled to damages, including punitive damages, in  
18 an amount to be determined at trial.

19 **COUNT V**

20 ***Computer Fraud and Abuse Act***  
21 **(18 U.S.C. §§ 1030, *et seq.* (“CFAA”))**

22 72. Plaintiffs incorporate and reallege by reference each and every allegation above as if set  
23 forth herein in full.

24 73. The CFAA regulates fraud and related activity in connection with computers, and makes  
25 it unlawful to intentionally access a computer used for interstate commerce or communication, without  
26 authorization or by exceeding authorized access to such a computer, thereby obtaining information  
27 from such a protected computer, within the meaning of Section 1030(a)(2)(C).  
28

1           74.     The CFAA provides a civil cause of action to “any person who suffers damage or loss  
2 by reason of a violation of CFAA.” Section 1030(g).

3           75.     Plaintiffs’ and the Class’ Devices are a “protected computer . . . which is used in or  
4 affecting interstate or foreign commerce or communication” within the meaning of  
5 Section 1030(e)(2)(B).

6           76.     Defendant violated the CFAA by intentionally accessing Plaintiffs’ and the Class’  
7 Devices by exceeding authorization, thereby obtaining information from a protected computer.  
8 Furthermore, the CFAA makes it unlawful to “knowingly cause[] the transmission of a program,  
9 information, code, or command, and as a result of such conduct, intentionally cause[] damage without  
10 authorization, to a protected computer,” of a loss to one or more persons during any one-year period  
11 aggregating at least \$5,000 in value. Section 1030(a)(5)(A); Section 1030(c)(4)(A)(i)(I).

12           77.     Defendant violated the CFAA by causing the transmission of a program, information,  
13 code, or command to Plaintiffs’ and the Class’ Devices by way of software update that was designed  
14 to intentionally impair the service of the Devices by artificially reducing their processing speed, without  
15 the authorization to do so from the owners. Defendant’s conduct caused actual impairment of the  
16 Devices’ functionality which caused damage to the Devices in order to induce customers to purchase  
17 new iPhones.

18           78.     As alleged herein, Plaintiffs and the Class have suffered losses by reason of these  
19 violations, by the “reasonable cost . . . including the cost of responding to an offense, conducting a  
20 damage assessment, and restoring the data, program, system, or information to its condition prior to the  
21 offense, and any revenue lost, cost incurred, or other consequential damages incurred because of  
22 interruption of service.” Section 1030(e)(11). The aggregate loss exceeds \$5,000 considering, on  
23 information and belief, at least thousands of Class members have been induced into purchasing new  
24 iPhones, which individually retail for approximately \$1,000 each.

25           79.     Defendant’s unlawful access to Plaintiffs’ and the Class’ protected computers has  
26 caused Plaintiffs and Class members irreparable injury. Unless restrained and enjoined, Defendant will  
27 continue to commit such acts. Plaintiffs and the Class are entitled to obtain compensatory damages and  
28 injunctive or other equitable relief pursuant to Section 1030(g).

**COUNT VI**

***Breach of Implied Contract***

1  
2  
3 80. Plaintiffs incorporate and reallege by reference each and every allegation above as if set  
4 forth herein in full.

5 81. Defendant offered to sell Devices to Plaintiffs and the Class, marketing them as cutting-  
6 edge mobile devices that contained the top of the line innovations and provided great performance.  
7 This is reflected in the price premium for the Devices.

8 82. Plaintiffs and the Class paid substantial amounts of money to Defendant to purchase the  
9 Devices. This exchange constituted the entering into implied contracts with Defendant whereby  
10 Defendant implicitly agreed to not intentionally damage or interfere the performance of the Devices or  
11 prematurely and artificially decrease the value of the Devices.

12 83. Indeed, a material term of this implied contract is a covenant by Defendant that it will  
13 not purposefully interfere with Plaintiffs' and the Class' use of their Devices or purposefully decrease  
14 the value of their Devices. However, Defendant did intentionally interfere with Plaintiffs' and the  
15 Class' ability to use their Devices by deceptively throttling the Devices through software updates, as  
16 alleged herein. Moreover, in doing so, Defendant also purposefully decreased the value of Plaintiffs'  
17 and the Class' Devices by materially reducing their level of performance.

18 84. Each purchase of a Device from Defendant contains this mutually agreed upon implied  
19 contract. Moreover, Plaintiffs and the Class relied upon this implied contract and would not have  
20 purchased their Devices had they known Defendant would intentionally interfere with their ability to  
21 use the Devices as intended and/or would artificially decrease the value of the Devices by clandestinely  
22 throttling the performance.

23 85. Plaintiffs and the Class fulfilled their obligations under the contract by paying Defendant  
24 for their Devices. Defendant, however, failed to refrain from intentionally interfering with Plaintiffs'  
25 and the Class' ability to use their Devices as intended, and failed to refrain from artificially decreasing  
26 the value of their Devices. Defendant's breach of its obligations under the implied contract between  
27 the parties directly caused Plaintiffs and the Class to suffer injuries, as detailed herein.

28

1 86. As a result, Plaintiffs and the Class are entitled to all relevant damages for Defendant's  
2 breach of the implied contract.

3 **COUNT VII**

4 ***Unjust Enrichment***

5 87. Plaintiffs incorporate and reallege by reference each and every allegation above as if  
6 fully set forth herein.

7 88. Plaintiffs and Class members conferred benefits on Defendant by purchasing Devices  
8 from Defendant.

9 89. Defendant has been unjustly enriched in retaining the revenues derived from Plaintiffs'  
10 and Class members' purchases of the Devices, new iPhones and battery replacements because  
11 Defendant made material misrepresentations and/or omissions concerning the reason for and result of  
12 completing software updates on the Devices. Moreover, Defendant has been unjustly enriched in  
13 retaining the revenues derived from failing to disclose that throttling issues on Devices could be avoided  
14 by simply replacing the battery rather than purchasing a new iPhone.

15 90. Retention of those monies under these circumstances is unjust and inequitable because  
16 Defendant misrepresented and omitted material facts it was obligated to, or should have disclosed,  
17 regarding the fact that the software updates on Devices intentionally slowed the Devices' processing  
18 speed and that replacing the battery rather than purchasing a new iPhone could avoid the throttling  
19 issues. These misrepresentations caused injuries to Plaintiffs and Class members because they would  
20 not have completed software updates on their Devices and/or purchased iPhones if the true facts had  
21 been disclosed.

22 91. Because Defendant's retention of the benefits conferred on them by Plaintiffs and the  
23 Class members is unjust and inequitable, Defendant must pay restitution to Plaintiffs and Class  
24 members for their unjust enrichment, as ordered by the Court.

25 **PRAYER FOR RELIEF**

26 WHEREFORE, Plaintiffs and the Class demand judgment against Defendant as follows:

27 A. An order certifying that this Action may be maintained as a class action, that Plaintiffs  
28 be appointed as the Class Representatives, and their counsel be appointed Class Counsel;

1 B. A judgment awarding Plaintiffs and all members of the Class damages as alleged above  
2 incurred by Plaintiffs and Class members as a result of Defendant's unlawful, deceptive, and unfair  
3 business and trade practices described herein;

4 C. A judgment awarding Plaintiffs and all members of the Class restitution or other  
5 equitable relief, including, without limitation, disgorgement of all profits and unjust enrichment that  
6 Defendant obtained from Plaintiffs and the Class as a result of their unlawful, unfair, and deceptive  
7 business practices described herein;

8 D. An order enjoining Defendant from continuing to violate the laws as described herein;

9 E. A judgment awarding Plaintiffs the costs of suit, including reasonable attorneys' fees,  
10 and pre and post-judgment interest; and

11 F. Such other and further relief as may be deemed necessary or appropriate.

12 **JURY DEMAND**

13 Plaintiffs demand a trial by jury.

14 Dated: January 5, 2018

**LEVI & KORSINSKY, LLP**

15 By: /s/Rosemary M. Rivas

Rosemary M. Rivas

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*Counsel for Plaintiffs Alain Liebermann and  
Romeo James Alba*

CIVIL COVER SHEET

The JS-CAND 44 civil cover sheet and the information contained herein neither replace nor supplement the filing and service of pleadings or other papers as required by law, except as provided by local rules of court. This form, approved in its original form by the Judicial Conference of the United States in September 1974, is required for the Clerk of Court to initiate the civil docket sheet. (SEE INSTRUCTIONS ON NEXT PAGE OF THIS FORM.)

I. (a) PLAINTIFFS

ALAIN LIEBERMANN and ROMEO JAMES ALBA, on behalf of themselves and all others similarly situated

(b) County of Residence of First Listed Plaintiff Kings County, New York (EXCEPT IN U.S. PLAINTIFF CASES)

(c) Attorneys (Firm Name, Address, and Telephone Number) Rosemary Rivas, Levi & Korsinsky, LLP, 44 Montgomery Street, Suite 650, San Francisco, CA 94104; 415-291-2420

DEFENDANTS

APPLE INC., a California Corporation

County of Residence of First Listed Defendant (IN U.S. PLAINTIFF CASES ONLY)

NOTE: IN LAND CONDEMNATION CASES, USE THE LOCATION OF THE TRACT OF LAND INVOLVED.

Attorneys (If Known)

II. BASIS OF JURISDICTION (Place an "X" in One Box Only)

- 1 U.S. Government Plaintiff
2 U.S. Government Defendant
3 Federal Question (U.S. Government Not a Party)
4 Diversity (Indicate Citizenship of Parties in Item III)

III. CITIZENSHIP OF PRINCIPAL PARTIES (Place an "X" in One Box for Plaintiff and One Box for Defendant)

Table with columns for Plaintiff (PTF) and Defendant (DEF) citizenship: Citizen of This State, Citizen of Another State, Citizen or Subject of a Foreign Country, Incorporated or Principal Place of Business In This State, Incorporated and Principal Place of Business In Another State, Foreign Nation.

IV. NATURE OF SUIT (Place an "X" in One Box Only)

Large table with categories: CONTRACT, REAL PROPERTY, TORTS, CIVIL RIGHTS, PRISONER PETITIONS, HABEAS CORPUS, OTHER, FORFEITURE/PENALTY, LABOR, IMMIGRATION, BANKRUPTCY, SOCIAL SECURITY, FEDERAL TAX SUITS, OTHER STATUTES.

V. ORIGIN (Place an "X" in One Box Only)

- 1 Original Proceeding
2 Removed from State Court
3 Remanded from Appellate Court
4 Reinstated or Reopened
5 Transferred from Another District (specify)
6 Multidistrict Litigation-Transfer
8 Multidistrict Litigation-Direct File

VI. CAUSE OF ACTION

Cite the U.S. Civil Statute under which you are filing (Do not cite jurisdictional statutes unless diversity): 28 U.S.C. § 1332(d)

Brief description of cause:

California's Unfair Competition Law ("UCL"), Cal. Bus. & Prof. Code §§ 17200, et seq., and the Computer Fraud and Abuse Act, 18 U.S.C. §§ 1030, et seq., fraudulent concealment, breach of implied contract, unjust enrichment, and injunctive relief.

VII. REQUESTED IN COMPLAINT:

CHECK IF THIS IS A CLASS ACTION UNDER RULE 23, Fed. R. Civ. P. DEMAND \$

CHECK YES only if demanded in complaint: JURY DEMAND: Yes No

VIII. RELATED CASE(S), IF ANY (See instructions):

JUDGE Edward J. Davila

DOCKET NUMBER 5:17cv7285

IX. DIVISIONAL ASSIGNMENT (Civil Local Rule 3-2)

(Place an "X" in One Box Only) SAN FRANCISCO/OAKLAND SAN JOSE EUREKA-MCKINLEYVILLE

DATE 01/05/2018

SIGNATURE OF ATTORNEY OF RECORD

/s/ Rosemary M. Rivas

## INSTRUCTIONS FOR ATTORNEYS COMPLETING CIVIL COVER SHEET FORM JS-CAND 44

**Authority For Civil Cover Sheet.** The JS-CAND 44 civil cover sheet and the information contained herein neither replaces nor supplements the filings and service of pleading or other papers as required by law, except as provided by local rules of court. This form, approved in its original form by the Judicial Conference of the United States in September 1974, is required for the Clerk of Court to initiate the civil docket sheet. Consequently, a civil cover sheet is submitted to the Clerk of Court for each civil complaint filed. The attorney filing a case should complete the form as follows:

- I. a) Plaintiffs-Defendants.** Enter names (last, first, middle initial) of plaintiff and defendant. If the plaintiff or defendant is a government agency, use only the full name or standard abbreviations. If the plaintiff or defendant is an official within a government agency, identify first the agency and then the official, giving both name and title.
- b) County of Residence.** For each civil case filed, except U.S. plaintiff cases, enter the name of the county where the first listed plaintiff resides at the time of filing. In U.S. plaintiff cases, enter the name of the county in which the first listed defendant resides at the time of filing. (NOTE: In land condemnation cases, the county of residence of the “defendant” is the location of the tract of land involved.)
- c) Attorneys.** Enter the firm name, address, telephone number, and attorney of record. If there are several attorneys, list them on an attachment, noting in this section “(see attachment).”
- II. Jurisdiction.** The basis of jurisdiction is set forth under Federal Rule of Civil Procedure 8(a), which requires that jurisdictions be shown in pleadings. Place an “X” in one of the boxes. If there is more than one basis of jurisdiction, precedence is given in the order shown below.
- (1) United States plaintiff. Jurisdiction based on 28 USC §§ 1345 and 1348. Suits by agencies and officers of the United States are included here.
  - (2) United States defendant. When the plaintiff is suing the United States, its officers or agencies, place an “X” in this box.
  - (3) Federal question. This refers to suits under 28 USC § 1331, where jurisdiction arises under the Constitution of the United States, an amendment to the Constitution, an act of Congress or a treaty of the United States. In cases where the U.S. is a party, the U.S. plaintiff or defendant code takes precedence, and box 1 or 2 should be marked.
  - (4) Diversity of citizenship. This refers to suits under 28 USC § 1332, where parties are citizens of different states. When Box 4 is checked, the citizenship of the different parties must be checked. (See Section III below; **NOTE: federal question actions take precedence over diversity cases.**)
- III. Residence (citizenship) of Principal Parties.** This section of the JS-CAND 44 is to be completed if diversity of citizenship was indicated above. Mark this section for each principal party.
- IV. Nature of Suit.** Place an “X” in the appropriate box. If the nature of suit cannot be determined, be sure the cause of action, in Section VI below, is sufficient to enable the deputy clerk or the statistical clerk(s) in the Administrative Office to determine the nature of suit. If the cause fits more than one nature of suit, select the most definitive.
- V. Origin.** Place an “X” in one of the six boxes.
- (1) Original Proceedings. Cases originating in the United States district courts.
  - (2) Removed from State Court. Proceedings initiated in state courts may be removed to the district courts under Title 28 USC § 1441. When the petition for removal is granted, check this box.
  - (3) Remanded from Appellate Court. Check this box for cases remanded to the district court for further action. Use the date of remand as the filing date.
  - (4) Reinstated or Reopened. Check this box for cases reinstated or reopened in the district court. Use the reopening date as the filing date.
  - (5) Transferred from Another District. For cases transferred under Title 28 USC § 1404(a). Do not use this for within district transfers or multidistrict litigation transfers.
  - (6) Multidistrict Litigation Transfer. Check this box when a multidistrict case is transferred into the district under authority of Title 28 USC § 1407. When this box is checked, do not check (5) above.
  - (8) Multidistrict Litigation Direct File. Check this box when a multidistrict litigation case is filed in the same district as the Master MDL docket. Please note that there is no Origin Code 7. Origin Code 7 was used for historical records and is no longer relevant due to changes in statute.
- VI. Cause of Action.** Report the civil statute directly related to the cause of action and give a brief description of the cause. **Do not cite jurisdictional statutes unless diversity.** Example: U.S. Civil Statute: 47 USC § 553. Brief Description: Unauthorized reception of cable service.
- VII. Requested in Complaint.** Class Action. Place an “X” in this box if you are filing a class action under Federal Rule of Civil Procedure 23.
- Demand. In this space enter the actual dollar amount being demanded or indicate other demand, such as a preliminary injunction.
- Jury Demand. Check the appropriate box to indicate whether or not a jury is being demanded.
- VIII. Related Cases.** This section of the JS-CAND 44 is used to identify related pending cases, if any. If there are related pending cases, insert the docket numbers and the corresponding judge names for such cases.
- IX. Divisional Assignment.** If the Nature of Suit is under Property Rights or Prisoner Petitions or the matter is a Securities Class Action, leave this section blank. For all other cases, identify the divisional venue according to Civil Local Rule 3-2: “the county in which a substantial part of the events or omissions which give rise to the claim occurred or in which a substantial part of the property that is the subject of the action is situated.”
- Date and Attorney Signature.** Date and sign the civil cover sheet.