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25 Attorneys for Plaintiff
26 BEVERLY NUNES
27 and the Putative Class

28 **IN THE UNITED STATES DISTRICT COURT**
NORTHERN DISTRICT OF CALIFORNIA

BEVERLY NUNES, individually and on behalf
of a class of similarly situated individuals,
Plaintiff,
v.
TWITTER, INC.,
Defendant.

Case No:

CLASS ACTION

**COMPLAINT FOR DAMAGES AND
INJUNCTIVE RELIEF**

DEMAND FOR JURY TRIAL

1 **CLASS ACTION COMPLAINT**

2 1. Plaintiff Beverly Nunes (“Nunes” or “Plaintiff”) brings this class action complaint
3 against Defendant Twitter, Inc. (“Twitter” or “Defendant”) and alleges as follows upon personal
4 knowledge as to herself and her own acts and experiences and, as to all other matters, upon
5 information and belief, including investigation conducted by her attorneys.

6 **NATURE OF THE CASE**

7 2. Twitter is a global, public social networking and microblogging platform that
8 allows it and its users to create, send and read (or follow) text messages (*i.e.*, “tweets”) of up to
9 140 text characters. Twitter’s content is broadly accessible to its users and unregistered visitors,
10 and use of its services to create, send, follow and read tweets is, subject to some exceptions, free.

11 3. To generate revenue, Twitter relies almost exclusively on advertising services. As
12 part of its services, Twitter collects and stores user data, including user cellular telephone
13 numbers, for the purpose of sending automated *en masse* text messages on its and Twitter users’
14 behalf. Twitter sends messages directly to users’ Twitter accounts and/or mobile devices, often in
15 the form of Short Message Service (“SMS”) text messages, the text messaging service component
16 of mobile telephones. In 2013, over 70% of Twitter’s advertising revenue was generated from
17 mobile devices.

18 4. The Telephone Consumer Protection Act (“TCPA”), 47 U.S.C. § 227, *et seq.* and its
19 implementing regulations, 47 C.F.R. §64.1200, *et seq.* prohibit companies, such as Twitter, from
20 sending automated SMS text messages to mobile telephones without first obtaining consent.
21 Twitter has violated, and continues to violate, the TCPA and its regulations by sending automated
22 SMS text messages to cellular telephone subscribers (a) who had recycled (or reassigned) cellular
23 telephone numbers who have not expressly consented to receiving such messages and/or (b) who
24 have expressly requested *not* to receive such messages.

25 5. By sending such SMS text messages to consumers, Twitter has caused consumers
26 actual harm, including the aggravation and privacy invasion that accompanies receiving
27 unsolicited text messages. Moreover, consumers are damaged by having to pay cellular
28 telephone service providers for the receipt of Twitter’s unsolicited text messages.

1 When a SMS message is successful, the recipient's cellular phone typically rings, alerting him or
2 her that the phone is receiving a text message. As cellular telephones are inherently mobile and
3 are frequently carried on their owner's person, calls to cellular telephones, including SMS
4 messages, may be received by the called party virtually anywhere worldwide.

5 13. The use of SMS messaging (known colloquially as "text messaging") has become
6 ever-present in the United States. According to CTIA-The Wireless Association® ("CTIA"), as
7 of December 2012, there were 326.4 million U.S. cellular telephone subscriptions and
8 approximately 2.19 trillion text messages sent annually (171.3 billion sent monthly).

9 14. Marketers have seized on this billion-dollar industry as a vast marketing and
10 exposure opportunity. Using SMS technology, companies and individuals can now extend the
11 promotional reach of their products, brands, services and ideas to potentially millions of
12 consumers, almost instantaneously. And, with SMS technology, marketers know with near
13 certainty that their message is received. According to Juniper Research, which specializes in high
14 growth mobile market sectors, **97%** of SMS text messages are ultimately read by the cellular
15 subscriber, and **90%** are read within the first four to six minutes of delivery.

16 15. Many companies, including Twitter, use automated computer equipment to send
17 bulk SMS text messages to cellular telephone subscribers using a unique five or six digit number
18 called "short code," as opposed to using an ordinary ten-digit telephone number. U.S. companies
19 obtain short code numbers from an independent agency, Neustar, Inc. ("Neustar"), which
20 manages and assigns U.S. short code numbers on behalf of cellular network operators.
21 Companies typically lease short code numbers in order to run automated mobile text messaging
22 applications. Twitter obtained its short code directly from Neustar for this purpose.

23 16. Unlike more conventional solicitations, SMS text messages actually cost its
24 recipients money. Cellular telephone users must pay their respective wireless service providers to
25 receive text messages, either individually or as part of a specified (and often limited) plan,
26 regardless of whether or not the incoming message is authorized.

27 ///

28 ///

1 **A. Twitter’s SMS Text Messages**

2 17. Twitter is an online public platform and micro-blogging service that allows users
3 to create and read text messages – “tweets” – of up to 140 text characters. Users can read and
4 post tweets and follow the accounts and tweets of other users. Users access Twitter through its
5 website interface, SMS or a mobile device application. Twitter does not charge to use its
6 tweeting services (although advertisers can choose to purchase advertising services to reach a
7 broader audience to promote their brands, products and services), and Twitter imposes no
8 restrictions on the number of user tweets or the number of accounts a user can follow. Twitter’s
9 systems are capable of delivering billions of short messages to hundreds of millions of people a
10 day. According to its 2013 Form 10-K, filed with the U.S. Securities and Exchange Commission,
11 Twitter has millions of users who create approximately 500 million tweets every day.

12 18. Mobile devices, such as cellular phones, have become the primary driver of
13 Twitter’s business. Twitter estimates that 76% of its users are on mobile devices. In many
14 countries, including the United States, Twitter users can register, follow accounts, receive
15 notifications and send tweets entirely through SMS messaging. In the United States, users
16 communicate with Twitter through its short code number: 40404.

17 19. Because Twitter does not generate revenue directly from its users, the substantial
18 majority of its revenue comes from advertising services. Twitter competes against other online
19 and mobile businesses and traditional media outlets, such as television, radio and print, for
20 spending on advertising. Twitter’s ability to compete effectively for advertiser spend depends
21 upon many factors, including the size and composition of its user base, its ad targeting
22 capabilities, the timing and market acceptance of its advertising services, its marketing and selling
23 efforts, the return its advertisers receive from its advertising services, and its reputation and the
24 strength of its brand. As part of its services, Twitter collects and stores personal user information,
25 including cellular telephone numbers, and, then, uses that information to send tweets, including
26 automated text messages, on behalf of it and Twitter users at a low cost. Twitter’s ability to dial
27 and send automated text messages (without human intervention), partnered with its ever-
28 increasing user database, makes it a valuable resource for commercial and individual mobile

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1 marketers. In 2013, Twitter estimated that nearly 90% of its total revenue came from advertising,
2 over 70% of which was generated from mobile devices.

3 20. The substantial majority of Twitter’s advertising revenue is generated on a pay-
4 for-performance basis, which means advertisers are only charged when a user engages with their
5 ad. In other words, Twitter is paid based on the volume of activity of people using its platform:
6 when someone follows a Promoted Account (an advertisement that invites targeted Twitter users
7 to follow a brand’s account), clicks on a Promoted Trend (an ad that appears at the top of
8 Twitters’ list of “trending topics”) or engages with someone else’s Promoted Tweet (a Tweet
9 purchased by advertisers who want to reach a wider group of users or to spark engagement from
10 their existing followers) by clicking on the Promoted Tweet, retweeting (forwarding or reposting)
11 it, replying to it, or marking it as a favorite, Twitter profits.

12 21. Twitter’s messages typically appear on a user’s Twitter account, regardless of the
13 device used. Twitter users may also receive message notifications via e-mail, SMS text message
14 or mobile push notifications (*i.e.*, alerts sent to the mobile device home screen). In the case of
15 SMS text messages, the messages are received by consumers’ cellular telephones as a text
16 message from Twitter’s SMS short code, 40404.

17 22. Often times, Twitter’s SMS text messages do not identify Twitter by “name” as
18 the message sender, even though the message is, in fact, sent by it using its short code number.
19 Rather, they often identify the sender by the underlying advertiser’s self-selected Twitter user
20 name, such as “@swagpoilercode” or “@dayzdevteam.”

21 23. Twitter’s SMS text messaging system connects to all U.S. mobile phone carriers’
22 networks with virtual private network (“VPN”) tunnels over what is called a Short Message Peer-
23 to-Peer (“SMPP”) bind. SMPP is a standard communication protocol used by organizations, such
24 as Twitter, needing to send vast amounts of SMS messages nearly simultaneously (*i.e.*, high
25 volume bulk text messaging), at very high speeds (*i.e.*, hundreds or thousands of messages per
26 second). Indeed, in 2010, Twitter stated its desire to “become one of the highest volume SMS
27 programs in the world—Twitter processes close to a billion SMS tweets per month and that
28 number is growing around the world from Indonesia to Australia, the UK, the US, and beyond.”

1 To this end, to help grow and scale its SMS service, Twitter “announce[d] the acquisition of
2 Cloudbopper, a messaging infrastructure company that enables Twitter to connect directly to
3 mobile carrier networks in countries all over the planet.”

4 24. Pursuant to the TCPA, a company must obtain consent before sending automated
5 SMS text messages to a cellular telephone. *See* 47 U.S.C. § 227, *et seq.* In many instances,
6 Twitter’s SMS text messages sent to consumers’ cellular telephones violate the TCPA because (1)
7 the telephone owner did not consent to receiving the SMS text messages (i.e., the consent, if it
8 was obtained at all, was obtained from the prior owner of that telephone number) and/or (2) the
9 current cellular telephone owner has expressly requested not to receive such text messages.

10 **B. Twitter’s Unauthorized Text Messages Sent to Recycled Numbers**

11 25. While some Twitter users may elect to receive SMS text notifications, anyone in
12 the U.S. can receive unsolicited text messages from Twitter on their cellular phone *even if they*
13 *do not have a Twitter account*. Thus, as with Plaintiff, Twitter sends automated SMS text
14 messages to owners of recycled cellular numbers (many of whom do not even have a Twitter
15 account) who have not consented to receiving such text messages. For various reasons, cellular
16 telephone subscribers deactivate and relinquish their cellular telephone numbers. Once
17 deactivated, the cellular telephone carrier reassigns the number to another subscriber – a practice
18 known as “recycling.” Recycling times (*i.e.*, the time between deactivation and reassignment)
19 vary across carriers, generally ranging from 30 days to six months depending on location and
20 demand. During the recycling period, the cellular telephone number is considered disconnected.

21 26. In some instances, the prior owner of a recycled telephone number may have
22 consented to receiving Twitter’s SMS messages. But, even if the prior owner consented, that
23 consent *does not transfer* to the new recycled cellular number’s owner. Ultimately, new owners
24 of recycled cellular numbers are given *no choice* in receiving (and paying for) Twitter’s
25 unsolicited text messages.

26 27. The mobile marketing industry is acutely aware of cellular number recycling and,
27 in particular, the risk associated with sending text messages to non-consenting recycled numbers.
28 To help mobile marketers navigate regulatory compliance, the Mobile Marketing Association

1 (“MMA”) publishes specific guidelines based on accepted industry practices for all mobile
 2 marketers. In its October 2012 U.S. Consumer Best Practices for Messaging, the MMA
 3 recommends that mobile marketers, such as Twitter, “have appropriate and effective systems and
 4 processes for *managing deactivation and recycled number information*. These systems and
 5 processes should be designed to ensure that mobile content programs subscribed to by previous
 6 holders of a specific phone number *do not continue to be delivered or billed to a subsequent*
 7 *holder* of that number when it is reassigned.” The MMA further advises mobile marketers to
 8 “process deactivation information within three business days of receipt.”¹

9 28. In response to the liability risk associated with recycled numbers, numerous
 10 commercially available services exist to help mobile marketers, such as Twitter, identify recycled
 11 numbers and non-consenting cellular subscribers. For instance, companies such as Infutor,
 12 Nextmark List and Contact Center Compliance advertise their ability to instantly identify and flag
 13 disconnected telephone numbers from cellular telephone number data lists on a recurring basis
 14 (such as weekly or monthly). This type of service can identify disconnected numbers before they
 15 are recycled, thereby alerting mobile marketers that any consent associated with those telephone
 16 numbers has been terminated.

17 29. Similarly, Neustar (from which Twitter received its short code number) advertises
 18 its ability to identify non-consenting cellular numbers and subscribers in real time to help mitigate
 19 TCPA non-compliance risk. Specifically, Neustar can “clean” a company’s telephone database
 20 by identifying telephone number ownership and porting history (e.g. numbers switched from one
 21 cellular carrier to another) in real time and, then, comparing those results to the company’s list of
 22 consenting subscribers to identify mismatches. According to Becky Burr (Neustar Deputy
 23 General Counsel and Chief Privacy Officer and former FTC Attorney-Advisor), Neustar’s TCPA
 24 compliance services “use continuously updated and highly accurate phone data that gets updated
 25

26 ¹ The MMA is a global authoritative trade organization that issues codes of conduct, best
 27 practices, guidelines, rules and instructions for all companies engaged in mobile marketing. Its
 28 U.S. Consumer Best Practices for Messaging are based on accepted industry practices, common
 wireless carrier policies and regulatory guidance. With over 800 members, the MMA is the
 preeminent source for mobile marketing information and expertise.

1 multiple times per minute to tell you instantly . . . whether the subscriber name that you have
 2 matches.” Such services are important because, as Burr notes, “if they gave you consent to call a
 3 number that they instantly change, *you don’t have consent to call the current subscriber to that*
 4 *number.*”²

5 30. Despite industry guidelines, commercially available resources and the obvious
 6 lack of consent associated with recycled numbers, Twitter fails to take the necessary steps to
 7 insure that its automated text messages are sent *only* to consenting recipients, nor does it have
 8 incentive to do so. Twitter is paid based on the volume of activity of people using its platform.
 9 The more SMS text messages Twitter sends (authorized or not), the more people who may
 10 participate in Twitter and engage in its advertisements, generating more money for Twitter.
 11 Twitter also benefits from network effects where more activity on Twitter results in the creation
 12 and distribution of more content (i.e., Twitter has been one of the most-visited websites on the
 13 internet), which attracts more users, platform partners and advertisers, resulting in a cycle of
 14 value creation. According to Twitter, Tweets have appeared on over eight million third-party
 15 websites, and in the fourth quarter of 2013 there were approximately 67 billion online
 16 impressions of Tweets off of Twitter’s properties.

17 31. To that end, Twitter simply treats the new recycled cellular telephone number
 18 owner as if he or she were the previous owner. If the previous owner gave consent to receive
 19 Twitter’s text messages, Twitter continues to treat that consent as the consent of the new
 20 (unassociated) owner. New owners are then forced to incur the cost and bother of receiving
 21 Twitter’s unauthorized text messages. Notably, new owners are provided no explicit means to
 22 contact Twitter to make the messages stop. Sometimes, the messages do not even identify
 23

24 ² As FTC Attorney-Advisor, Burr was responsible for competition and consumer protection
 25 policy in connection with information industry/electronic information infrastructure and
 26 participated in developing the FTC’s approach to competition and consumer protection in the
 27 digital marketplace. Prior to the FTC, Burr held the positions of Senior Internet Policy Advisor
 28 and Associate Administrator and Director of International Affairs at the National
 Telecommunications and Information Administration (“NTIA”). There, Burr was responsible for
 domestic and international policy related to Internet and information technology.

1 “Twitter” as the sender, and consumers, having no prior relationship with Twitter, may be
2 completely unaware that the messages are coming from Twitter. If the telephone number is
3 associated with an online Twitter account, the new cellular subscriber has no way of accessing
4 that account to opt out of receiving Twitter’s text messages. And, as evidenced below, Twitter
5 often disregards consumers’ reply message “stop” requests.

6 32. Twitter knows, or is reckless in not knowing, that its SMS text messages are sent
7 to non-consenting, recycled cellular number subscribers. Indeed, Twitter has received numerous
8 consumer complaints alerting it to this very fact and requesting that the messages stop.
9 Ultimately, Twitter is responsible for verifying cellular telephone number ownership and
10 obtaining consent *before* sending automated text messages to cellular telephone subscribers.
11 Even with prior cellular subscriber consent, Twitter is liable under the TCPA for sending text
12 messages to cellular numbers reassigned to new subscribers *without the new subscriber’s*
13 *consent*. See *Soppet v. Enhanced Recovery Co., LLC*, 679 F.3d 637, 641 (7th Cir. 2012) (under
14 the TCPA, “[c]onsent to call a given number *must come from its current subscriber*,” not its
15 prior subscriber); *Breslow v. Wells Fargo*, 2014 WL 2565984 (11th Cir. 2014) (consent from
16 “called party” means consent from the person subscribing to the called number at the time the call
17 was made, not the former subscriber); *In the Matter of Rules and Regulations Implementing the*
18 *Telephone Consumer Protection Act of 1991*, Report and Order, ¶ 123, 18 FCC Rcd. 14014,
19 2003 WL 21517853 (2003) (“we reject proposals to create a good faith exception for inadvertent
20 autodialed or prerecorded calls to wireless numbers...”).

21 33. Given the multitude of readily available commercially feasible resources to
22 identify such consumers, Twitter had ready means to identify those consumers or obtain their
23 consent before sending automated SMS text messages.

24 **C. Twitter’s Unauthorized Text Messages Sent to Stop-Request Recipients**

25 34. Twitter also sends unauthorized SMS text messages to cellular subscribers who
26 have expressly “opted-out” or requested *not* to receive its text messages. Notably, many of these
27 cellular subscribers did not consent to receiving Twitter’s SMS messages in the first place. But,
28 even with prior consent, Twitter is required to honor each stop-request as a termination of any

1 prior consent. Accordingly, any SMS text message (other than a final one-time confirmation text
2 message confirming the recipient's desire to not receive such messages) sent to a cellular
3 subscriber *after* receiving an express stop request is done without prior express consent.

4 35. Industry best practices for processing and honoring stop requests are well
5 documented. According to the MMA's 2012 U.S. Consumer Best Practices for Messaging, "[a]
6 subscriber must be able to stop participating and receiving messages from any program by
7 sending **STOP** to the short code used for that program. . . END, CANCEL, UNSUBSCRIBE or
8 QUIT should also be opt-out key words for all programs; however content providers should
9 feature the word STOP in their advertising and messaging. . . When sent, *these words cancel the*
10 *subscriber's previous opt-in for messaging.*" Further, "[t]he content provider must record and
11 store all opt-out transactions."

12 36. CTIA similarly advises that "[s]hortcode programs must respond to, at a minimum,
13 the universal keywords STOP, END, CANCEL, UNSUBSCRIBE, and QUIT . . . and, if the user
14 is subscribed, by opting the user out of the program." Further, "[r]ecurring programs must
15 promote opt-out instructions at regular intervals in content or service messages, at least once per
16 month," and "[u]sers must be able to opt out at any time." *See* CTIA Compliance Assurance
17 Solution Mobile Commerce Compliance Handbook, Version 1.2, effective August 1,
18 2013.³

19 37. Again, Twitter simply ignores these accepted industry guidelines. Instead,
20 Twitter makes it notoriously difficult for consumers to opt-out or unsubscribe to its SMS text
21 messages. For instance, according to Twitter, the commands "STOP," "QUIT," "END,"
22 "CANCEL," "UNSUBSCRIBE" and "ARRET" (when replying to SMS messages) will
23 deactivate your account *only if* you are an SMS-only user, that is, a user who does not have an
24 online Twitter account but has previously communicated with Twitter via SMS text. If the
25 cellular number is linked to an online Twitter account, the command "OFF" must be used to stop
26

27 ³ The CTIA is an international non-profit organization that audits and enforces the rules
28 surrounding carrier-based text messaging programs. Together, the MMA and the CTIA establish
and publish guidelines setting forth accepted industry best practices for mobile marketing.

1 SMS spam. Ultimately, consumers (many of whom are unaware that the messages are from
2 Twitter) must be well-versed in Twitter’s SMS commands to effectively communicate a stop-
3 request and, even then, the outcome is uncertain.

4 38. Despite receiving numerous express stop requests from cellular subscribers,
5 Twitter continues to send automated text messages to these subscribers, sometimes for months
6 afterwards. Even worse, according to consumer complaints, in many instances, Twitter’s text
7 messages actually *increase* after receiving a stop request. And, often times, consumers receiving
8 Twitter’s SMS text messages are limited to a “reply” message stop request, which Twitter often
9 ignores.

10 39. Twitter knows, or is reckless in not knowing, that its SMS text messages to these
11 cellular subscribers are unauthorized. Reply message stop requests are, by design, sent to
12 Twitter’s short code, 40404, thereby directly informing Twitter (as intended) that any subsequent
13 messages are unauthorized. Again, however, Twitter has little incentive to honor stop requests.
14 With nearly all of its revenue coming from advertising associated with the volume of activity on
15 its system, each stop request is a loss of potential recurring revenue. Ultimately, consumers are
16 forced to bear the costs of receiving these unsolicited and unauthorized text messages.

17 40. The following sample of consumer complaints regarding unauthorized texts from
18 “40404” evidences Twitter’s practice of disregarding recycled numbers and STOP requests and
19 blatantly sending text messages to non-consenting (and often non-Twitter member) cellular
20 telephone owners:

- 21 • **“I got new cellphone.** Yep the text messages are here again. I tried
22 **STOP.** Doesn’t work. I’ve had to have this carrier cancel all text
23 service.” (Nanyjan, 8/7/13);
- 24 • **“I just got a new phone 2 weeks ago and began receiving unsolicited**
25 **messages from 40404 – 2-3 times a day.** I have typed **STOP** and
26 **UNSUBSCRIBE** everyday [sic], with no reply and an increase in
27 messages from them.” (Bocablues, 8/28/13);
- 28 • “I have tried several times by replying **stop.** I still am receiving
messages. **I just got my phone** and have never done anything on it to
subscribe to receiving messages.” (Sarah, 6/5/13);

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- “[T]hese people kept sending my [sic] dirty and inappropriate text. **I don’t even have a twitter [account].**” (Lily, 2/16/13);
- **Simply replying w/ “STOP” did not work** and only seemed to exacerbate the issue. I am now getting about 30 texts a day from 404-04.” (Jay, 9/14/12);
- “Im [sic] tired of this **i dont [sic] even have a twiter [sic] [account]**” (Priscilla, 8/23/12);
- **“I tried to text the word stop several times and it did not work.....** still getting 20-30 messages since then.... dont [sic] know who this is sending these... wish it would stop..... what can i do now?????” (Sunshine, 6/12/12);
- “I keep receiving texts from 40404 and **have asked them repeatedly to stop** by replying to the texts as well as emails.” (Cassidy, 3/11/12);
- “Have received several messages from this number. **I have never had a facebook, myspace, or twitter account,** so this is quite perplexing.” (Ttree, 2/26/12);
- “I have a Family Talk account, through Walmart. Messages from 404-04 coming at all hours, and waking me up! **This number is not attached to a Twitter or FB account.** How do I make this stop? It says I cannot reply to this number, sending failed message appears. Reply **STOP** will not work.” (Tracie, 12/23/11);
- **“I reply many times to the company to stop this but they did not do this.** I don’t know why. Plz [sic] stop this because this is very crazy. I recived [sic] 50 msgs daily, which disturb me while I am working in office.” (Khalil, 12/22/11);
- “Receiving massive amounts of inappropriate texts from this number at all times of the day. **[H]ave texted back STOP and they still keep coming in. THIS NEEDS TO STOP!**” (Angela, 11/27/11);
- “Please make them stop texting me. I am receiving so many and it is very frustrating. **The more I say stop the more they text**” (iChattwo, 7/27/11);
- “Started getting msg about random junk 3 days ago, **do not have a twitter account** just getting bombed on text msg. Have these people nothing better to do?!!!!!!” (Hdc, 7/15/11);
- **“I recently changed my phone number** and ever since then, I have been getting texts from 40404. I have **replied several times,** saying they

1 have a wrong number and asking them to stop texting me, but it doesn't
2 work..." (Gretch, 6/30/11);

- 3 • "I got 15 messages in 2 days **right after I opened my account with**
4 **Veerozon [sic]**, As a matter of fact, I got eight 404-04, before I got my
5 welcome message from Verizon!" (PlatosPond, 6/11/11);
- 6 • "**I sent message asking them to stop** and they just had a field day with
7 that and sent more texts." (Holly, 1/25/11);
- 8 • "Stop texting me from this number. **I have contacted this company**
9 **many times to stop** but they persist in using up my limited text service."
10 (Egertone, 12/6/10);
- 11 • "I keep receiving 2-3 text a day about LED lights for sale **some how [sic]**
12 **they are doing this through twitter and it is beginning to be**
13 **harassment!!**" (Curt, 7/9/10).

14 **D. Plaintiff's Experience**

15 41. In or around November 2013, Plaintiff obtained a new cellular telephone number
16 from MetroPCS. Almost immediately after obtaining her new cell phone number, Plaintiff began
17 receiving impersonal, promotional text messages several times per day. The messages were
18 identified cryptically from "40404," which Plaintiff later learned was Twitter's SMS short code.

19 42. An example of one message that Plaintiff received (repeatedly) is as follows:

20 There's a new Swagcode out! It's worth 6 SBs and expires at [a certain time of
21 day] PST. Please visit <http://t.co/Tm07XLMK6U>.

22 The "from" field of this particular message was identified as "@swagspoilercode."

23 43. Plaintiff received a similar message from @swagspoilercode on March 13, 2014 at
24 10:00 p.m., as follows:

25 There's a new US/CA-only SwagCode out! It's worth 3 SBs and expires at 6:30
26 PM PDT. Please visit <http://t.co/Tm07XLMK6U>.

27 The nearly identical text messages that Plaintiff received, encouraging her to earn "swag bucks"
28 (i.e., virtual currency that can be redeemed for valuable rewards, including gift cards to online
and offline retailers), were sent for telemarketing purposes. Plaintiff also received similar

1 impersonal, promotional messages from “@dayzdevteam,” that were sent for the purpose of
2 encouraging the purchase of, and participation in, the “DayZ” survival horror video game.

3 44. Like the complaints set forth above, the text messages Plaintiff received were
4 generic, impersonal and commercial in nature, indicating that they were sent *en masse* to a group
5 of consumers. The SMS short code number for all of the unauthorized text messages that
6 Plaintiff received was 40404 – Twitter’s short code. A sampling of the unauthorized text
7 messages Plaintiff received from Twitter are depicted in Exhibit A, attached hereto.

8 45. On at least two occasions in or around December 2013, Plaintiff, using the “reply”
9 function for her SMS text messages, responded to 40404 alerting Twitter that its messages were
10 unauthorized and requesting that the messages stop. Plaintiff expressly used the word “STOP” in
11 her text message responses to Twitter. Despite her explicit stop requests, Plaintiff continues to
12 receive unauthorized text messages from Twitter, as many as four to six messages per day, at all
13 hours of the day and night, including many before the hour of 8 a.m. or after 9 p.m. local time.

14 46. At no time did Plaintiff give prior express consent to Twitter to receive SMS text
15 messages from it, let alone consent to receive autodialed telemarketing messages. Plaintiff has
16 never had a Twitter account, has never used or followed Twitter and has no pre-existing
17 relationship with either Twitter or the advertisers for the text messages she received.

CLASS ALLEGATIONS

18
19 47. Plaintiff brings this action pursuant to Federal Rules of Civil Procedure 23(b) on
20 behalf of herself and the following Class:

21 All persons in the United States who: (a) within four years prior to the filing of
22 this lawsuit, had a recycled cellular telephone number and were sent one or
23 more text message to their recycled number from Twitter’s short code (40404)
24 without that person's prior express consent; and/or (b) after making an express
25 request to Twitter not to receive text messages, were nonetheless sent one or
26 more such messages from Twitter’s short code (40404), other than a final one-
27 time confirmation text message confirming the recipient’s desire to not receive
28 such messages, within four years prior to the filing of this lawsuit.

48. Excluded from the Class are Defendant, any entity or division in which Defendant
has a controlling interest, and its legal representatives, officers, directors, assigns, and successors,
and any court to whom this case is assigned and its staff. Plaintiff reserves the right to amend the

1 Class definition if discovery and further investigation reveal that the Class should be expanded or
2 otherwise modified.

3 **A. Numerosity**

4 49. The Class consists of hundreds, if not thousands, of individuals and other entities
5 who are geographically dispersed making joinder impractical, in satisfaction of Rule 23(a)(1) of
6 the Federal Rules of Civil Procedure. The exact size of the Class, and the identities of the
7 individual members of it are ascertainable through Defendant's and third parties' records,
8 including but not limited to Twitter's SMS transaction records.

9 **B. Typicality**

10 50. Plaintiff's claims are typical of the claims of the Class. Plaintiff was sent
11 unauthorized text messages from Twitter to her recycled telephone number; and was sent
12 unauthorized text messages from Twitter after expressly requesting not to be sent such messages.
13 Plaintiff's claims and the claims of the Class are based on the same legal theories and arise from
14 the same unlawful and willful conduct, resulting in the same injury to Plaintiff and members of
15 the Class.

16 51. The Class has a well-defined community of interest. Defendant has acted and
17 failed to act on grounds generally applicable to Plaintiff and members of the Class, requiring the
18 Court's imposition of uniform relief to ensure compatible standards of conduct toward respective
19 Class members.

20 **C. Commonality and Predominance**

21 52. Questions of law and fact common to Plaintiff's and respective Class members'
22 claims predominate over any questions that may affect only individual members within the
23 meaning of Rules 23(a)(2) and 23(b)(2) of the Federal Rules of Civil Procedure.

24 53. Common questions of law and fact affecting the Class include, but are not limited
25 to, the following:

- 26 a. Whether Defendant sent text messages to the Class without obtaining their
27 prior express consent;

- b. Whether Defendant made text calls to the Class using an automatic telephone dialing system and/or autodialer and/or an artificial or prerecorded voice;
- c. Whether Defendant's conduct violates 47 U.S.C. § 227(b)(1)(A);
- d. Whether Defendant's conduct violates 47 C.F.R. § 64.1200(a)(1).
- e. Whether Plaintiff and the Class members are entitled to damages, costs and/or attorney's fees from Defendant;
- f. Whether Plaintiff and Class members are entitled to increased damages (equal to not more than 3 times the amount of damages) based on the willfulness of Defendant's conduct; and
- g. Whether Plaintiff and Class members are entitled to a permanent injunction enjoining Defendant from continuing to engage in its unlawful conduct.

D. Adequacy

54. Plaintiff will fairly and adequately represent and protect the interests of the respective Class members. Plaintiff has retained counsel with substantial experience in prosecuting complex litigation and class actions. Plaintiff and her counsel are committed to vigorously prosecuting this action on behalf of the respective Class members, and have the financial resources to do so. Neither Plaintiff nor her counsel has any interest adverse to those of the respective Class or members.

E. Superiority

55. Plaintiff and Class members have all suffered and will continue to suffer harm and damages as a result of Defendant's unlawful and wrongful conduct. A class action is superior to other available methods for the fair and efficient adjudication of the controversy. Absent a class action, most Class members would likely find the cost of litigating their claims prohibitively high and would therefore have no effective remedy at law. Because of the relatively small size of the individual Class members' claims, it is likely that few members could afford to seek legal redress for Defendant's misconduct. Thus, absent a class action, Class members will continue to incur damages, and Defendant's misconduct will continue without remedy. Class treatment of common

1 questions of law and fact is also superior to multiple individual actions or piecemeal litigation in
 2 that it conserves the court's and litigants' resources, and promotes consistency and efficiency of
 3 adjudication.

4 **FIRST CAUSE OF ACTION**

5 **(Violation of the Telephone Consumer Protection Act, 47 U.S.C. § 227(b)(1)(A) and**
 6 **Implementing Regulations, 47 C.F.R. § 64.1200(a)(1),**
 7 **On Behalf of Plaintiff and the Class)**

8 56. Plaintiff incorporates by reference the foregoing allegations as fully set forth
 9 herein.

10 57. The TCPA, 47 U.S.C. § 227(b)(1)(A)(iii), makes it “unlawful for any person
 11 within the United States... to make any call (other than a call made for emergency purposes or
 12 made with the prior express consent of the called party) using any automatic telephone dialing
 13 system or an artificial or prerecorded voice... to any telephone number assigned to a... cellular
 14 telephone.”

15 58. The TCPA's implementing regulation, 47 C.F.R. § 64.1200(a)(1), further provides
 16 that “[n]o person or entity may . . . initiate any telephone call (other than a call made for
 17 emergency purposes or is made with the prior express consent of the called party) using an
 18 automatic telephone dialing system or an artificial or prerecorded voice . . . [t]o any telephone
 19 number assigned to a . . . cellular telephone.” A text message is a “call” within the meaning of
 20 the TCPA. *See Satterfield v. Simon & Schuster, Inc.*, 569 F.3d 946, 952 (9th Cir.2009)

21 59. Defendant violated both 47 U.S.C. § 227(b)(1)(A)(iii) and its implementing
 22 regulation, 47 C.F.R. § 64.1200(a)(1). Defendant made or initiated, or caused to be made or
 23 initiated, unauthorized text calls to Plaintiff and members of the Class using an automatic
 24 telephone dialing system (“ATDS”) and/or autodialer, within the meaning of 47 U.S.C. § 227(a)
 25 and 47 C.F.R. § 64.1200(f)(2). An ATDS includes equipment that has “the capacity to store or
 26 produce numbers and dial those numbers at random, in sequential order, or *from a database of*
 27 *numbers.*” *See In the Matter of Rules & Regulations Implementing the Telephone Consumer*
 28 *Protection Act of 1991*, 2003 WL 21517853, 18 F.C.C.R. 14014 ¶ 131 (FCC July 3, 2003)
 (emphasis added) (noting that the basic function of an ATDS is “the capacity to dial numbers

1 without human intervention” and that excluding from the definition of an ATDS various
2 autodialing equipment “simply because it relies on a given set of numbers would lead to an
3 unintended result,” and that “the purpose of the requirement that equipment have ‘the capacity to
4 store or produce telephone numbers to be called’ is to ensure that the prohibition on autodialed
5 calls not be circumvented”); *In the Matter of Rules & Regulations Implementing the Telephone*
6 *Consumer Protection Act of 1991*, 2008 WL 65485, 23 F.C.C.R. 559 ¶ 12 (FCC Jan 4, 2008)
7 (rejecting argument that “[equipment] meets the definition of autodialer only when it randomly or
8 sequentially generates telephone numbers, not when it dials numbers from customer telephone
9 lists”); *In re Rules & Regulations Implementing the Telephone Consumer Protection Act of 1991*,
10 27 F.C.C. Rcd 15391, 15392 n.5 (FCC 2012) (ATDS includes any equipment “that has the
11 specified capacity to generate numbers and dial them without human intervention regardless of
12 whether the numbers called are randomly or sequentially generated or come from calling lists”).

13 60. Defendant’s equipment has the capacity to, and did in fact, store and dial
14 Plaintiff’s and the Class’ telephone numbers from its database without human intervention.
15 When someone signs up for a new Twitter account using SMS by texting the word START to
16 short code 40404 from their cell phone, or when someone texts the word FOLLOW [username] to
17 short code 40404 to “fast follow” another Twitter user without signing up for an account,
18 Twitter’s system automatically captures their cell phone number and stores it in its database.
19 Similarly, when someone signs up for a new Twitter account using the internet and provides their
20 cell phone number, or when a Twitter user logs into their account and adds their cell phone
21 number to their account, Twitter’s system automatically imports the number and stores it in its
22 database. Moreover, Twitter’s system has, on information and belief, an automated routing engine
23 that receives and distributes Tweets, determines the Tweet endpoint (i.e., a mobile application, e-
24 mail, SMS, the web, etc.), automatically applies rules to the message to determine the actual
25 destination endpoint, translates the message as appropriate for each endpoint, and sends the
26 message to the appropriate transmission engine for transmission to the appropriate recipients. In
27 the case of tweets destined for SMS delivery, the messages are automatically placed in a message
28 queue and subsequently routed through, and read by, a collection of servers and computers which

1 then communicate with the mobile phone carriers' computers and servers, resulting in the SMS
2 text messages being delivered (all without human intervention) to the cellular telephone
3 associated with the stored cell phone number identified by Twitter's system.

4 61. In addition to autodialing phone numbers from its database, the equipment
5 Defendant used also has the *capacity* to produce⁴ telephone numbers to be called, using a random
6 or sequential number generator, and to dial such numbers. On information and belief, Twitter's
7 systems are built atop open source software and technologies (including MySQL, Ruby on Rails,
8 OpenJDK (JVM), Netty, Apache Lucene, Apache Thrift, Apache Hadoop and Redis, etc.) that
9 utilize programming language (Java, C, C++, Scala, JavaScript, Ruby etc.) that are all capable of
10 generating telephone numbers, using a random or sequential number generator. For instance,
11 Scala is one of the main application programming languages used at Twitter and much of its
12 infrastructure is written in Scala. Scala's programming command "Random()" provides the
13 functionality of a "random number generator" capable of producing random phone numbers.
14 Similarly, MySQL, written in C and C++, is the persistent storage technology behind most
15 Twitter data (timelines, user data and the Tweets themselves). MySQL's "Rand()" function can
16 be used to generate random telephone numbers. Likewise, Netty is an open source Java non-
17 blocking I/O ("NIO") framework that makes it easier to create high-performing protocol servers.
18 Twitter sends billions of SMS messages every month to hundreds of mobile carriers all around
19 the world using Netty. Netty's Java functionality similarly includes a "random number
20 generator" that has the capacity to produce random telephone numbers to be called.

21 62. By using such equipment, Defendant was able to make thousands upon thousands
22 of text calls to consumers automatically without human intervention. These calls were made *en*
23 *masse* and without the prior consent of Plaintiff and members of the Class.

24 _____
25 ⁴ "The statutory definition contemplates autodialing equipment that either stores or produces
26 numbers" and the equipment need only have the "*capacity* to store or produce telephone
27 numbers." See *In the Matter of Rules & Regulations Implementing the Telephone Consumer*
28 *Protection Act of 1991*, 2003 WL 21517853, 18 F.C.C.R. 14115 (FCC July 3, 2003) (Italics in
original) (underlining added). The statutory phrase "using a random or sequential number
generator" modifies only the last antecedent "produce telephone numbers" and not the word "to
store," as it makes no sense to say that one could "store" numbers using a number generator.

1 63. In addition, and alternatively, Defendant’s unauthorized text calls to Plaintiff and
2 members of the Class were made using “an artificial or prerecorded voice” within the meaning of
3 47 U.S.C. § 227(b)(1)(A) and 47 C.F.R. § 64.1200(a)(1). The term “voice” is not limited to
4 verbal communications, and includes written expressions. *See, e.g., Dictionary.com,*
5 <http://dictionary.reference.com/browse/voice> (last visited June 11, 2014) (defining “voice” as,
6 among other things, “expression in spoken or written words, or by other means”); Collins English
7 Dictionary, <http://www.collinsdictionary.com/dictionary/english/voice> (defining “voice” to
8 include “written or spoken expression”) (last visited June 12, 2014). The adjective “artificial”
9 includes communications “produced by man” that are “not occurring naturally.” Collins English
10 Dictionary, <http://www.collinsdictionary.com/dictionary/english/artificial> (last visited June 12,
11 2014). The adjective “prerecorded” includes communications “containing previously recorded
12 information.” *Dictionary.com*, <http://dictionary.reference.com/browse/voice> (last visited June 12,
13 2014). Text messages, such as the text messages here, that are not sent contemporaneously at the
14 time they are drafted constitute an “artificial or prerecorded voice” since they are written
15 expressions, not naturally occurring that contain previously recorded information. On
16 information and belief, all Twitter messages, after they are created, are first stored in a “message
17 queue” before being delivered via SMS.

18 64. As a result of Defendant’s unlawful conduct, Plaintiff and members of the Class
19 have suffered actual damages and, under section 227(b)(3)(B), are each entitled, *inter alia*, to
20 receive a minimum of \$500.00 in damages for each such violation of the TCPA and its
21 implementing regulation.

22 65. To the extent that Defendant’s misconduct is determined to be willful and
23 knowing, the Court should, pursuant to section 227(b)(3), increase the amount of damages
24 recoverable by the Class members in accordance with the said statutory provisions.

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PRAYER FOR RELIEF

WHEREFORE, Plaintiff and the Class, request the following relief:

1. That the Court enter an order certifying the Class and appointing Plaintiff as the representative of the Class and appointing counsel for Plaintiff as lead counsel for the Class;
2. That the Court enter an order declaring that Defendant’s actions, as set forth above, violated the TCPA, 47 U.S.C. §§ 227(b) and its implementing regulations;
3. That the Court enter judgment against Defendant for statutory damages and, if its conduct is proved willful, award Plaintiff and the Class increased damages equal to no more than three times their damages;
4. That the Court award Plaintiff and the Class their costs and expenses, as well as reasonable attorneys’ fees, in prosecuting this action;
5. That the Court award Plaintiff and the Class post-judgment interest;
6. That the Court issue an injunction prohibiting Defendant from continuing its conduct complained of herein; and
7. That the Court award such other and further relief as may be necessary or appropriate.

Dated: June 19, 2014

KELLER GROVER LLP

By: /s/ Jeffrey F. Keller
JEFFREY F. KELLER

Counsel for Plaintiff
BEVERLY NUNES
and the Putative Class

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JURY DEMAND

Plaintiff demands trial by jury on all counts for which a jury trial is permitted.

Dated: June 19, 2014

KELLER GROVER LLP

By: /s/ Jeffrey F. Keller
JEFFREY F. KELLER

Counsel for Plaintiff
BEVERLY NUNES
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General Information

Court	United States District Court for the Northern District of California
Nature of Suit	Statutes: Other Statutory Actions
Docket Number	3:14-cv-02843