

1 Frank E. Scherkenbach (SBN 142549 / scherkenbach@fr.com)  
Adam J. Kessel (*pro hac vice* application to be filed / kessel@fr.com)  
2 Proshanto Mukherji (*pro hac vice* application to be filed / mukherji@fr.com)  
3 Jeffrey Shneidman (*pro hac vice* application to be filed / shneidman@fr.com)  
FISH & RICHARDSON P.C.  
4 One Marina Park Drive  
Boston, MA 02210  
5 Telephone: (617) 542-5070  
Facsimile: (617) 542-8906  
6

7 Michael R. Headley (SBN 220834 / headley@fr.com)  
FISH & RICHARDSON P.C.  
8 500 Arguello Street, Suite 500  
Redwood City, CA 94063  
9 Telephone: (650) 839-5070  
Facsimile: (650) 839-5071  
10

11 Attorneys for Plaintiffs  
BYTEDANCE INC., TIKTOK INC., and TIKTOK PTE. LTD.

12 UNITED STATES DISTRICT COURT  
13 NORTHERN DISTRICT OF CALIFORNIA

14  
15  
16 BYTEDANCE INC., TIKTOK INC., AND  
17 TIKTOK PTE. LTD.

18 Plaintiffs

19 v.

20 TRILLER, INC.

21 Defendant.  
22  
23  
24

Case No. 3:20-cv-7572-TSH

**FIRST AMENDED COMPLAINT FOR**

**(1) DECLARATORY JUDGMENT OF  
NON-INFRINGEMENT OF U.S.  
PATENT NO. 9,691,429**

**(2) INJUNCTION AGAINST TRILLER TO  
CEASE INFRINGEMENT OF U.S.  
PATENT NOS. 9,648,132, 9,992,322, &  
9,294,430**

**(3) DAMAGES FOR PATENT  
INFRINGEMENT**

**DEMAND FOR JURY TRIAL**

25  
26 Plaintiffs Bytedance Inc. (“BDI”), TikTok Inc. (“TTI”), and TikTok Pte. Ltd. (“TTPL”)  
27 (collectively, “Plaintiffs”) hereby bring this First Amended Complaint against Defendant Triller,  
28 Inc. (“Triller” or “Defendant”) as follows:

## NATURE OF ACTION

1  
2           1.       Plaintiffs BDI and TTI bring this action for a declaratory judgment of non-  
3 infringement of U.S. Patent No. 9,691,429 (“the ’429 patent”). Plaintiffs TTI and TTPL also seek  
4 an injunction against Triller and damages for Triller’s past and ongoing infringement of U.S. Patent  
5 Nos. 9,648,132 (“the ’132 patent”), 9,992,322 (“the ’322 patent”), and 9,294,430 (“the ’430  
6 patent”).

7           2.       Plaintiffs BDI and TTI seek a declaratory judgment that they do not infringe any  
8 claim of the ’429 patent (attached as Exhibit A). Plaintiffs TTI and TTPL also seek remedies in  
9 equity and law for Triller’s past and ongoing infringement of TikTok’s patented intellectual property  
10 as set forth below.

11           3.       Plaintiffs are technology companies that provide and support a variety of mobile  
12 software applications that enable people around the world to connect with, consume, and create  
13 entertainment content, including via an application called “TikTok.” TikTok is a mobile software  
14 application that millions of Americans, including many in this judicial district, use to create and  
15 share short videos composed of expressive content.

16           4.       Defendant Triller is the developer, distributor, and operator of an application called  
17 “Triller” which it characterizes as “an entertainment platform built for creators.”<sup>1</sup> Defendant Triller  
18 has alleged that TikTok infringes the ’429 patent, which is not correct. To the contrary, it is Triller  
19 that improperly is infringing TTPL and TTI intellectual property, including by Triller’s past and  
20 ongoing infringement of the ’132 patent, ’322 patent, and ’430 patent, which includes acts of  
21 infringement in this judicial district.

### Triller’s Accusations Against TikTok Are Without Merit

22  
23           5.       On July 29, 2020, Triller filed a lawsuit against the entities TikTok Inc. and  
24 Bytedance Ltd. in the Western District of Texas (C.A. No. 20-cv-00693) (“the Texas Litigation”)  
25 alleging that those entities “directly and indirectly infringe the [’429] Patent by making, using,  
26 offering for sale, selling, and importing the popular iOS and Android software application known  
27

28 <sup>1</sup> <https://apps.apple.com/us/app/triller-social-video-platform/id994905763> (accessed Oct. 27, 2020).

1 as ‘TikTok.’” *Id.*, Dkt. No. 1 ¶3. Triller has alleged that the “Accused Products” in that lawsuit (the  
2 “Accused TikTok Products”) are “software products [that] are available for iOS and Android hand-  
3 held or tablet devices and are distributed under the TikTok brand name.” *Id.*, ¶14. Triller has alleged  
4 that “making, using, offering for sale, selling and/or importing the Accused Products” constitutes  
5 patent infringement and violates at least 35 U.S.C. § 271(a), (b), and (c). *Id.* ¶34 *et seq.* Triller has  
6 also alleged that various training videos, demonstrations, brochures, and user guides, which are  
7 created by BDI or TTI, instruct users of the TikTok apps to infringe the ’429 patent. *Id.* Triller has  
8 alleged that making the Accused TikTok Products (among other acts) infringes at least claims 1, 3,  
9 4, 5, 6, and 7 of the ’429 patent. *Id.*

10 6. Notwithstanding Triller’s allegations in the Texas Litigation, that district is not a  
11 proper forum for a dispute concerning the Accused TikTok Products. Bytedance Ltd., a defendant  
12 in that case, is a holding company based outside of the United States that does not have employees  
13 or property in Texas. TTI, the other defendant in that case, has no employees or facilities in the State  
14 of Texas and, more specifically, does not have any regular and established place of business in that  
15 forum, and thus is not subject to venue under the Supreme Court’s decision in *TC Heartland LLC*  
16 *v. Kraft Foods Group Brands LLC*, 581 U.S. \_\_\_, 137 S. Ct. 1514 (2017). BDI and TTI thus bring  
17 the instant action seeking declaratory judgment in a proper forum—in the state where the relevant  
18 parties are based, and in the judicial district where a substantial part of the events or omissions  
19 giving rise to Triller’s alleged infringement claims have occurred and continue to occur.

20 7. BDI and TTI are the only companies based in the United States responsible for  
21 developing, providing, and supporting the Accused TikTok Products. Triller’s actions and  
22 allegations have created a real and immediate controversy between Triller, BDI, and TTI as to  
23 whether the Accused TikTok Products infringe any claim of the ’429 patent. Triller’s lawsuit and  
24 statements that “making” the Accused TikTok Products infringes the ’429 patent demonstrate that  
25 it is highly likely that Defendant Triller will assert infringement against BDI in addition to its  
26 previous allegations against TTI. In the meantime, the cloud of Triller’s allegations, including that  
27 making the Accused TikTok Products infringes the ’429 patent, hangs over BDI and TTI.

28

8. As set forth herein, BDI and TTI do not infringe and have not infringed the '429 patent. Therefore, an actual and justiciable controversy exists as to whether BDI and TTI's Accused TikTok Products infringe any claim of the '429 patent. A judicial declaration is necessary to resolve the real, immediate, and justiciable controversy concerning these issues and to determine the respective rights of the parties regarding the '429 patent. BDI and TTI respectfully seek a judicial determination that the '429 patent is not directly or indirectly infringed by BDI and TTI, including by their products and/or services.

**Triller Infringes TikTok's Patents**

9. Contrary to Triller's assertions, it is Triller that is using TikTok's innovative, valuable, and patented functionality. Triller's software application for the iOS operating system and Triller's software application for the Android operating system (collectively, the "Infringing Triller Products") infringe several TikTok patents, including the '132 patent, '322 patent, and '430 patent, which are owned by TTPL and exclusively licensed to TTI in the United States. The inventions claimed and disclosed in TTPL's multiple patents go to the heart of the Infringing Triller Products.



TikTok



Triller

10. For example, the '132 patent, '322 patent, and '430 patent are each titled "Method of enabling digital music content to be downloaded to and used on a portable wireless computing

1 device.” These patents claim a priority date of 2006, which predates the founding of Triller by nearly  
2 a decade.

3 11. For example, TikTok owns—and Triller infringes—the invention claimed in claim  
4 30 of the ’322 patent, i.e., a “software application [that] is executable on a smartphone device ... (a)  
5 in which the software application allows the end-user to, over a wireless connection, create on a  
6 remote server one or more user accounts with associated profiles for that end-user, wherein the  
7 profiles are editable; and (b) the software application allows the end-user to, over the wireless  
8 connection, view profiles created by other users of a service; and (c) the software application allows  
9 the end-user to, over the wireless connection, interact with other users of the service; and (d) the  
10 software application allows the end-user to, over the wireless connection, send and receive messages  
11 to and from other users of the service; and (e) the software application allows the end-user to, over  
12 the wireless connection, link his or her user account on the remote server to user accounts on the  
13 remote server of other users of the same service or of other services.”

14 12. As a further example, TikTok owns—and Triller infringes—the invention claimed  
15 in claim 35 of the ’322 patent, where that “software application is a music application wherein the  
16 software application uses track meta-data that is formed as a separate meta-data layer and defines  
17 attributes of tracks, the meta-data being external to a music track to make sharing and browsing of  
18 track information possible without needing to distribute the related music track files.”

19 13. As a still further example, TikTok owns—and Triller infringes—the invention  
20 claimed in claim 51 of the ’322 patent, where “the software application [is] such that the service  
21 provides over a wireless connection, recommendations to the user of people, media content or any  
22 other items which the user might like, based on the user’s viewing ... history, on the viewing ...  
23 history of any other users or on any other criteria.”

24 14. As their titles suggest, TikTok’s other patents asserted in this litigation, specifically  
25 the ’132 and ’420 patents, cover other aspects of “enabling digital music content to be downloaded  
26 to and used on a portable wireless computing device,” which is critical functionality to Triller.

27 15. As set forth herein, Triller has illegally practiced, and continues to practice and  
28 infringe claims of the ’132, ’332, and ’430 patents, all in violation of 35 U.S.C. § 271.

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