The following chart contains Supercell's Invalidity Contentions demonstrating that Mastermind's In-Game Build claims 1-24 of U.S. Patent No. 10,307,676 under 35 U.S.C. § 102 or renders the same claims obvious alone or in art under 35 U.S.C. § 103. Because the Court has yet to issue a claim construction in this case, fact discovery is invalidity of the asserted claims will likely be the subject of expert discovery, these contentions are preliminary or reserves the right to supplement or modify these contentions in accordance with the agreed patent-disclosure pro Docket Control Order in this case. Additionally, and in further consideration of the preliminary stages of the case the pinpoint citations referenced in this chart are not exhaustive, and Supercell reserves the right to rely on additional the reference. Furthermore, citations to any figure, table, or chart are meant to encompass the language describin figure, table, or chart, and vice versa.

These charts also incorporate analysis based upon GREE's apparent interpretation of the asserted claims, as reflet infringement contentions to date. Supercell does not agree with GREE's incomplete, ambiguous, and inadequate asserted claims in those contentions. However, as detailed below, such application (to the extent that it can be refurther renders each asserted claim invalid. Supercell further reserves its right to supplement these contentions be discovery, including any supplemental infringement contentions or any interrogatory response purporting to rebucontentions provided by GREE.

Additionally, Supercell notes that while certain potential obviousness arguments and combinations may be cited such recitations are not exhaustive. As such, to the extent that any asserted claims are found not to be anticipated Supercell reserves the right to argue that such non-anticipated claims are obvious over Mastermind alone, in view arguments raised within the charts, in view of any of the other prior art cited in Supercell's cover pleading, or in may later become known to Supercell as part of the discovery process.

¹ Mastermind is a video game that was publicly available on or before September 11, 2013. The printed publications cited herein (e.g., Declaration; Pocket Gamer available at

https://web.archive.org/web/20130502020345/http:/www.pocketgamer.co.uk/r/iPhone/Clash+of+Clans/review.asp?c=47309, 148; App https://web.archive.org/web/20130520190542/http:/www.148apps.com/reviews/clash-clans-review/; Gamezebo available at https://web.archive.org/web/20130501012448/http://www.gamezebo.com/games/clash-clans/review; GSM Arena available at https://web.archive.org/web/20130513063213/http://www.gsmarena.com/apple_iphone_3gs-2826.php; Gameplay 3 available at https://www.youtube.com/watch?v=AIYLcHgA-Hw) qualify as prior art to the asserted patent herein as disclosing a prior art system, a publications, or both.

'676 Patent claim 1	Mastermind
1 Preamble: An electronic device comprising:	Mastermind discloses an electronic device. See, e.g., 148Apps: Developer: Supercell Price: FREE Version: 2.3 App Reviewed on: iPhone 3GS See, e.g., Gamezebo: "Clash of Clans is thus a simple game, but that's more of a strength than a enough to provide quick, painless matches on an iPhone in an idle moment enough different units to choose from in the battle mode to make playing a
	 endlessly rewarding. Best of all, the option to fight against NPC goblins gi small edge over similar strategy games that rely almost entirely on player-combat." <i>See, e.g.</i>, GSM Arena (showing features of iPhone 3 gs):

			Mastermind
	MEMORY	Card slot	No
		Internal	8/16/32 GB storage, 256 MB RAM
	DATA	GPRS	Yes
		EDGE	Yes
		Speed	HSDPA, 7.2 Mbps
		WLAN	Wi-Fi 802.11 b/g
		Bluetooth	Yes, v2.1 with A2DP, headset support only
		USB	Yes, v2.0
	CAMERA	Primary	3.15 MP, 2048x1536 pixels, autofocus, check quality
		Features	Geo-tagging, touch focus
		Video	Yes, VGA@30fps, video geo-tagging
		Secondary	No
	FEATURES	OS	iOS 3, upgradable to iOS 6.1.3
		CPU	600 MHz Cortex-A8
		GPU	PowerVR SGX535
		lash of Clans D	eveloper: Supercell Format: iPhone Genre: Strategy, Networking: wireless (network) Version: Europe

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Exhibit C-13: U.S.	. Patent No. 10,307,676 to	Mastermind's In-Game	Builder Post ("Mastermi
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'676 Patent claim 1	Mastermind
	To the extent GREE claims that the claimed functionality is not sufficiently d Mastermind, it is further shown through operation of the Clash of Clans game 4.120), which will be made available to GREE for inspection. To the extent th explicitly disclosed by this combination, Supercell responds that it is inherent Moreover, it would have been obvious to one of ordinary skill in the art to mo so as to include this claim limitation in light of the knowledge possessed by o in the art. Further, this claim limitation would have been obvious in light of n patents, U.S. patent publications, articles, and products available at the time th was filed, and it would have been obvious to combine these references to a per in the art. For example, see at least the corresponding claim elements in the re- which are incorporated by reference as if fully set forth herein: Mastermind, H Cho, Farone, Kim, Sword of the Stars.
1a: circuitry configured to	Mastermind discloses circuitry configured to. See, e.g., 148Apps: Developer: Supercell Price: FREE Version: 2.3 App Reviewed on: iPhone 3GS See, e.g., Gamezebo:
	"Clash of Clans is thus a simple game, but that's more of a strength than a enough to provide quick, painless matches on an iPhone in an idle momen enough different units to choose from in the battle mode to make playing a

'676 Patent claim 1	Mastermind			
	 endlessly rewarding. Best of all, the option to fight against NPC goblin small edge over similar strategy games that rely almost entirely on play combat." <i>See, e.g.</i>, GSM Arena (showing features of iPhone 3 gs): 			
	MEMORY	Card slot	No	
	MEMORY	Internal	8/16/32 GB storage, 256 MB RAM	
	DATA	GPRS	Yes	
	DATA	EDGE	Yes	
		Speed	HSDPA, 7.2 Mbps	
		WLAN	Wi-Fi 802.11 b/g	
		Bluetooth	Yes, v2.1 with A2DP, headset support only	
		USB	Yes, v2.0	
	CAMERA	Primary	3.15 MP, 2048x1536 pixels, autofocus, check quality	
	or ment	Features	Geo-tagging, touch focus	
		Video	Yes, VGA@30fps, video geo-tagging	
		Secondary	No	
	FEATURES	OS	iOS 3, upgradable to iOS 6.1.3	
		CPU	600 MHz Cortex-A8	
		GPU	PowerVR SGX535	

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