

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.,  
Petitioner,

v.

SCRAMOGE TECHNOLOGY LTD.,  
Patent Owner

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IPR2022-00351  
Patent 10,622,842 B2

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Record of Oral Hearing  
Held: May 3, 2023

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Before JAMESON LEE, KARL D. EASTHOM, and MICHELLE N.  
WORMMEESTER, *Administrative Patent Judges*.

IPR2022-00351  
Patent 10,622,842 B2

APPEARANCES:

ON BEHALF OF THE PETITIONER:

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The above-entitled matter came on for hearing on May 3, 2023,  
commencing at 1:00 p.m., via video teleconference.

P R O C E E D I N G S

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JUDGE WORMMEESTER: Good afternoon, everyone. We have our final hearing in case IPR2022-00351, Apple v. Scramoge Technology, which concerns U.S. Patent Number 10,622,842. I'm Judge Wormmeester. Also appearing remotely are my colleagues, Judges Lee and Easthom.

Thank you for your flexibility in conducting this hearing via video today. Given this format, we want to start off by clarifying a few items. First, our primary concern is your right to be heard. If at any time during the proceeding, you encounter technical or other difficulties that undermine your ability to adequately represent your client, please let us know immediately, for example, by contacting the team members who provided you with connection information.

Second, for the benefit of the Judges, opposing counsel, and court reporter, please identify yourself each time you speak. When not speaking, please mute yourself. Third, we have the entire record, including the demonstratives. When referring to demonstratives, papers, or exhibits, please be explicit and identify any slide numbers or page numbers. Please also pause a few seconds afterwards so that we can find the reference and follow along.

Finally, please note that members of the public may be listening to this oral hearing. So, if there's anything that is confidential, please let us know. As of now, we're not aware of anything that's confidential. Does anyone have anything you want to say about confidentiality of the materials presented today?

1           Okay. Thank you. Let's go ahead and get the parties' appearances,  
2 please. Who do we have for Petitioner?

3           MR. JARRATT: Good afternoon, Your Honor. This is Scott  
4 Jarratt, lead counsel for Petitioner Apple. And with me also is backup  
5 counsel Calmann Clements. And he will be presenting today.

6           JUDGE WORMMEESTER: Great. Thank you. Good afternoon,  
7 counsel. And for Patent Owner, who do we have?

8           MR. COOPER: Thank you, Your Honor. This is Brett Cooper. I  
9 am lead counsel for Patent Owner Scramoge. My colleagues Robert  
10 Auchter and John Petrsoric, who are backup counsel on this case, are here as  
11 well. And Mr. Auchter will be having the lead for us today.

12           JUDGE WORMMEESTER: Okay. Great. Thank you so much.  
13 Welcome. We set forth the procedure for today's hearing in our trial order.  
14 But just to remind everyone the way this will work, each party will have 60  
15 minutes to present arguments. Petitioner has the burden and will go first and  
16 may reserve rebuttal time no more than half its total argument time. Patent  
17 Owner will then have the opportunity to present its response. It may also  
18 reserve surrebuttal time no more than half its total argument time.

19           Please remember that the demonstratives you submitted are not  
20 part of the record. The record of the hearing will be the transcript. We will  
21 maintain a clock and give you warning as we're reaching the end of your  
22 argument time. Are there any questions before we proceed?

23           MR. CLEMENTS: Nope.

24           JUDGE WORMMEESTER: Okay. Great. Thanks. Will you be  
25 reserving any time, counsel?

26           MR. CLEMENTS: Yes, Your Honor. I will reserve 20 minutes

1 for rebuttal.

2 JUDGE WORMMEESTER: Twenty minutes. Okay. Great. I'll  
3 go ahead and start the timer here. And you may begin when you're ready.

4 MR. CLEMENTS: Good afternoon. My name is Calmann  
5 Clements from Haynes and Boone. I'm representing Petitioner Apple.

6 Turning to Slide 2, the '842 patent claims nothing more than a  
7 known arrangement of a wireless charging coil and a communication  
8 antenna within a device. As shown here in Figure 6, the '842 patent  
9 described a portable terminal 302 that includes a printed circuit board 301.  
10 And the printed circuit board has a short-range communication antenna 340  
11 embedded therein. And the portable terminal also includes a reception space  
12 A which receives a wireless charging coil 310.

13 Turning to Slide 3, we can see a side view of this arrangement, that  
14 the wireless receiving power coil 310 is placed within the receiving space A.  
15 It is not embedded in the printed circuit board 301 like the communication  
16 antenna 340 is.

17 Turning to Slide 4, we see here a more detailed depiction of the  
18 short-range communication antenna within the printed circuit board. As we  
19 can see from the figure, there's a stack of printed circuit boards identified by  
20 reference numeral 301. And between those circuit boards are  
21 communication antennas identified by the reference numeral 340.

22 And the claims at issue today are directed to this arrangement we  
23 see here in Figure 10. But instead of reciting a communication antenna  
24 between the layers, the claims recite the wireless charging coil between the  
25 layers.

26 So, turning to Slide 5, we see here Claims 1 and 7. And Patent

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