

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner

v.
SCRAMOGE TECHNOLOGY, LTD.,
Patent Owner

IPR2022-00350
U.S. Patent No. 9,806,565

**PETITIONER'S SUR-REPLY
TO PATENT OWNER'S REPLY TO
OPPOSITION TO REVISED MOTION TO AMEND**

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 because they are connected only at their connection leads 6

 C. Claim 23: Motoharu discloses separate and distinct first through
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PETITIONER'S EXHIBIT LIST

Ex.1001	U.S. 9,806,565
Ex.1002	Prosecution History of U.S. 9,806,565
Ex.1003	Declaration of Dr. Joshua Phinney under 37 C.F.R. § 1.68
Ex.1004	<i>Curriculum Vitae</i> of Dr. Joshua Phinney
Ex.1005	U.S. 8,941,352 to Hong
Ex.1006	U.S. 8,922,162 to Park <i>et al.</i>
Ex.1007	U.S. 2009/0021212 to Hasegawa <i>et al.</i>
Ex.1008	U.S. 2012/0274148 to Sung <i>et al.</i>
Ex.1009	U.S. 8,427,100
Ex.1010	U.S. 8,687,536
Ex.1011	Websters II New College Dictionary: Third Edition, (2005)
Ex.1012	U.S. 8,339,798 to Minoo <i>et al.</i>
Ex.1013	U.S. 7,375,609
Ex.1014	U.S. 8,164,001
Ex.1015	Scheduling Order, <i>Scramoge Technology Limited v. Apple Inc.</i> , WDTX-6-21-cv-00579 (filed Sept. 28, 2021)
Ex.1016	Plaintiff's Preliminary Disclosure of Asserted Claims and Infringement Contentions to Apple Inc., <i>Scramoge Technology Limited v. Apple Inc.</i> , WDTX-6-21-cv-00579 (served Sept. 7, 2021)
Ex.1017	U.S. 8,643,219
Ex.1018	U.S. 2011/0050164
Ex.1019	U.S. 9,252,611

IPR2022-00350 / U.S. Patent No. 9,806,565
Petitioner's Sur-Reply to Patent Owner's Revised Motion to Amend

Ex.1020	Order Cancelling Markman Hearing, <i>Scramoge Tech. Ltd. v. Apple Inc.</i> , WDTX-6-21-cv-00579 (filed Sept. 28, 2021)
Ex.1021	Docket Sheet, <i>Scramoge Tech. Ltd. v. Apple Inc.</i> , WDTX-6-21-cv-00579
Ex.1022	Order Setting Initial Case Management Conference and ADR Deadlines, <i>Scramoge Tech. Ltd. v. Apple Inc.</i> , NDCA-22-cv-03041 (filed May 24, 2022)
Ex.1023	Certified English Translation of Japanese Patent Publication JP2011-210937 to Goma et al. (“Goma”), Japanese Language Version of JP2011-210937 and Translation Certificate.
Ex.1024	Supplemental Declaration of Dr. Joshua Phinney under 37 C.F.R. § 1.68
Ex.1025	Certified English Translation of Japanese Patent Application Publication H4-51115 to Motoharu et al. (“Motoharu”), Japanese Language Version of H4-51115 and Translation Certificate.
Ex.1026	Second Supplemental Declaration of Dr. Joshua Phinney under 37 C.F.R. § 1.68
Ex.1027	U.S. 2007/0069961 to Akiho et al.

I. INTRODUCTION

In its Reply to Petitioner's Opposition to Revised Motion to Amend (Reply, Paper 32), Patent Owner attempts to interpret the claim terms "*discrete*" and "*otherwise separate*" to distinguish substitute claims 21-23 over the combination of Park and Motoharu. Patent Owner's interpretations, however, do not provide any such distinction. Park in view of Motoharu discloses exactly what is claimed, even under Patent Owner's interpretations. Accordingly, Petitioner requests that the Board find substitute claims 21-23 unpatentable.

II. PARK IN VIEW OF MOTOHARU RENDERS OBVIOUS SUBSTITUTE CLAIMS 21-23

As illustrated in Petitioner's Opposition (Paper 30), Park in view of Motoharu renders obvious every limitation of substitute claims 21-23, including the "*connecting unit*" limitations. A POSITA would have found it obvious to reduce Park's substrate thickness by using Motoharu's "board mounting groove" technique. Ex.1025, 4; Opposition, 2-9. Figs. 1 and 2 of Motoharu (annotated below) illustrate its board mounting groove 5 (*receiving space*) formed in the ferrite core (*substrate*), where the flexible board 4 (*connecting unit*) is "mounted"

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