

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

PELOTON INTERACTIVE, INC.,
Petitioner,

v.

NEC CORPORATION,
Patent Owner.

Case IPR2023-01239
U.S. Patent No. 8,752,101

**NOTICE OF FILING OF PETITIONER'S HEARING
DEMONSTRATIVES AND UPDATED EXHIBIT LIST**

Pursuant to 37 C.F.R. § 42.70(b) and the Board’s Order Setting Oral Argument in this matter (Paper 33), Petitioner Peloton Interactive, Inc. is hereby filing a copy of its demonstratives for the oral hearing as Exhibit 1043.

TABLE OF EXHIBITS

Exhibit No.	Description
1001	U.S. Patent No. 8,752,101 B2 (“the ’101 patent”)
1002	File History of U.S. Patent No. 8,752,101 B2 (U.S. Application No. 13/508,025) (“’101 FH”)
1003	Lee, Chiang, and Zhang, <i>Scalable Rate Control For MPEG-4 Video</i> , IEEE Transactions on Circuits and Systems for Video Technology, Vol. 10, No. 6, pp. 878 – 894 (Sept. 2000)
1004	U.S. Publication No. US 2006/0143678 A1 (“Chou”)
1005	File History of corresponding European Patent No. 2498492
1006	SEALED Revised Dr. Clifford Reader Declaration (“Reader Decl.”)
1007	International Publication No. WO 2006/108435 (“Kampmann”)
1008	Japanese Unexamined Patent Application Publication No. 2005-191786
1009	Japanese Unexamined Patent Application Publication No. 2007-13705
1010	U.S. Patent No. 8,909,809 (the ’809 patent”)
1011	Japanese Unexamined Patent Application Publication No. 2004-172830
1012	Certified English Translation of Japanese Unexamined Patent Application Publication No. 2004-172830
1013	Certified English Translation of Japanese Unexamined Patent Application Publication No. 2005-191786
1014	Certified English Translation of Japanese Unexamined Patent Application Publication No. 2007-13705
1015	Kozamernik, <i>Webcasting - The Broadcasters’ Perspective</i> , EBU Technical Review (Mar. 2000) (“Kozamernik”)
1016	U.S. Patent No. 7,606,928 (“Wang”)
1017	U.S. Patent No. US 6,637,031 B1 (“Chou ’031”)

Exhibit No.	Description
1018	Cen, Pu, and Walpole, <i>Flow and Congestion Control for Internet Streaming Applications</i> , Multimedia Computing and Networking (1998)
1019	Lu, <i>Signal Processing for Internet Video Streaming: A Review</i> , Proceedings of SPIE, Vol. 3947, p. 246-259 (Jan. 2000) (“Lu”)
1020	Haskell, Puri, and Netravali, <i>Digital Video: An Introduction to MPEG-2</i> , ch. 8, pp. 156-182 (“Haskell”)
1021	ITU H.262 (07/95)
1022	Ebrahimi, <i>MPEG-4 natural video coding – An overview</i> , Signal Processing: Image Communication, Vol. 15, Issue 4-5, pp. 365-385 (Jan. 2000) (“Ebrahimi”)
1023	ITU H.261 (03/93)
1024	ITU H.222.0 (07/95)
1025	Rui, <i>An Overview of MPEG-2</i> , The 1997 Digital Video Test Symposium
1026	Huang, Chou, Klemets, <i>Optimal Coding Rate Control for Scalable Streaming Media</i> (“Huang”)
1027	U.S. Publication No. US 2004/0128396 A1 (“Patrick”)
1028	U.S. Patent No. US 7,711,841 B2 (“Desphande”)
1029	van Beek and Demircin, <i>Delay-Constrained Rate Adaptation for Robust Video Transmission Over Home Networks</i> , IEEE International Conference, Vol. 2, (“van Beek”)
1030	U.S. Patent No. 5,822,524 (“Chen”)
1031	SEALED NEC’s Infringement Contentions served in <i>NEC Corp. v. Peloton Interactive, Inc.</i> , No. 1:22-cv-00987-CFC (D. Del., filed July 28, 2022)
1032	Reader C., <i>Intraframe and Interframe Adaptive Transform Coding</i> , SPIE Vol. 66 (1975)
1033	Reader C, “MPEG4: Coding for Content, Interactivity, and Universal Accessibility”, Optical Engineering, Vol. 35, No. 1, pp. 104-108 (Jan. 1996)
1034	“MPEG Video Compression Standard”, Edited by J. L. Mitchell et al, Chapter 16, “MPEG Patents”, pp.357-362
1035	Proposal and Consideration of Buffer Size, NTT, KDD, NEC, Fujitsu, CCITT SG IV Working Party XV/1 Specialist Group on coding for Visual Telephony, Doc. #287 (Jan. 1988)

Exhibit No.	Description
1036	Scheduling Order filed on March 20, 2023 in <i>NEC Corp. v. Peloton Interactive, Inc.</i> , No. 1:22-cv-00987-CFC (D. Del., filed July 28, 2022)
1037	REDACTED PUBLIC version of revised Reader Declaration
1038	U.S. Patent No. 5,867,230 (“Wang ’230”)
1039	Declaration of Michael J. Hopkins (Oct. 31, 2023)
1040	Supplemental Declaration of Dr. Clifford Reader
1041	Jeremy Cooperstock Deposition Transcript (Aug. 22, 2024)
1042	Jeremy Cooperstock Deposition Transcript (Oct. 11, 2024)
1043	Petitioner’s Hearing Demonstratives

Date: November 19, 2024

Respectfully submitted,

By /Scott C. Weidenfeller/

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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.26, I hereby certify that the foregoing Notice of Filing of Petitioner's Hearing Demonstratives and Updated Exhibit List, together with Ex. 1043, was served by electronic mail on the following counsel of record for patent owner:

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