Paper No. __

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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VALVE CORPORATION,
Petitioner,

v.

IMMERSION CORPORATION,
Patent Owner.

_____

Case No. IPR2024-00714
Patent No. 10,627,907

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NOTICE OF INTENT TO DESIGNATE NATHAN R. SPEED, A PROVISIONALLY RECOGNIZED PATENT TRIAL AND APPEAL BOARD ATTORNEY, AS BACK-UP COUNSEL

LISTING OF EXHIBITS

Exhibit	Description
1001	U.S. Patent No. 10,627,907
1002	Prosecution History of U.S. Patent No. 10,627,907
1003	Declaration of Jean Renard Ward
1004	CV of Jean Renard Ward
1005	U.S. Patent Application Publication No. 2008/0055244 ("Cruz-Hernandez")
1006	U.S. Patent Application Publication No. 2007/0152988 ("Levin")
1007	U.S. Patent Application Publication No. 2013/0147610
1008	U.S. Patent Application Publication No. 2001/0008849
1009	Proof of Service in *Immersion Corp. v. Valve Corp.*, 2:23-cv-00712
1010	Defendant Valve's Motion to Stay Pending *Inter Partes* Review, *Immersion Corp. v. Valve Corp.*, 2:23-cv-00712 (W.D. Wash.)
1011	Federal Court Management Statistics (September 2023)
1012	U.S. Patent Application Publication No. 2006/0142657
1013	*Immersion Corp. v. Valve Corp.*, 2:23-cv-00712, Dkt. No. 1 (Complaint) (W.D. Wash.) (filed Oct. 20, 2023)
1014	Plaintiff's Preliminary Infringement Contentions, *Immersion Corp. v. Valve Corp.*, 2:23-cv-00712 (W.D. Wash.) (served Oct. 20, 2023)
1015	Exhibit E to Plaintiff's Preliminary Infringement Contentions, *Immersion Corp. v. Valve Corp.*, 2:23-cv-00712 (W.D. Wash.) (served Oct. 20, 2023)
1016	U.S. Patent Application Publication No. 2004/0032395 ("Goldenberg")
1017	U.S. Patent Application Publication No. 2007/0139375 ("Rosenberg")
1018	U.S. Patent No. 6,203,432 ("Roberts")
1019	November 21, 2023 Order Setting Jury Trial in *Immersion Corp. v. Valve Corp.*, Case No. 2:23-cv-00712 (W.D. Wash.)
1020	U.S. Patent No. 4,739,128
1021	U.S. Patent No. 6,480,185
1022	*RESERVED – NOT USED*
1023	International Application Publication Number WO 1999/066997 A1

Exhibit	Description
1024	Minsky et al., “Feeling and seeing Issues in force display.” In Proceedings of the 1990 symposium on Interactive 3D graphics (I3D '90). Association for Computing Machinery, New York, NY, USA, 1990, 235–241.
1025	Miller et al., "Design of 3D haptic widgets". Proceedings of the Symposium on Interactive 3D Graphics, 1999, pp. 97-102.
1026	U.S. Patent No. 5,914,705
1027	U.S. Patent No. 5,414,337
1028	U.S. Patent No. 4,590,909
1029	U.S. Patent No. 3,721,309
1030	U.S. Patent No. 2,710,596
1031	U.S. Patent No. 2,679,234
1032	“Jog dial.” Wikipedia, https://en.wikipedia.org/w/index.php?title=Jog_dial&oldid=332257258 (accessed Nov. 21, 2023)
1033	U.S. Patent No. 4,866,542
1034	U.S. Patent No. 5,289,439
1035	U.S. Patent No. 4,549,173
1036	U.S. Patent No. 4,344,351
1037	“Submachine gun.” Wikipedia, 10 November 2014, https://en.wikipedia.org/w/index.php?title=Submachine_gun&oldid=633180945 (accessed Feb. 10, 2024)
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1039	U.S. Patent No. 4,553,258
1040	U.S. Patent No. 4,865,149
1041	Ramstein et al., “The PANTOGRAPH: A large workspace haptic device for a multi-modal human-computer interaction.” CHI '94, Conference on Human Factors in Computing Systems ACM/SIGCHI Companion-4/94. 57-58 (1994).
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1050	Massie, "Initial Haptic Explorations with the Phantom: Virtual Touch Through Point Interaction" MIT Thesis (1996)
1051	Bliss, "Optical-to-Tactile Image Conversion for the Blind," IEEE, Trans. On Man-Machine Sys., mms-11:1 (Mar. 1970)
1052	European Patent Publication No. EP 0265011 A1
1053	U.S. Patent No. 5,388,992
1054	IBM, "Mouse Ball-Actuating Device with Force and Tactile Feedback," IBM Technical Disclosure Bulletin 32:9B (Feb. 1990)
1055	Fukumoto, "Active Click Tactile Feedback for Touch Panels," CHI 2001 Interactive Posters (2001)
1056	International Application Publication Number WO 92/00559 A1
1057	U.S. Patent Application Publication No. 2006/0241864 A1
1058	U.S. Patent No. 5,782,639
1059	U.S. Patent Application Publication No. 2006/0049010 A1
1060	International Application Publication No. WO 2004/042693 A1
1061	U.S. Application Publication No. 2003/0030619 A1
1062	U.S. Patent No. 6,424,333
1063	European Application Publication No. EP 0799597 A1
1064	U.S. Patent No. 5,719,561
1065	U.S. Patent No. 5,973,441
1066	Minsky, "Computational Haptics: The Sandpaper System for Synthesizing Texture for a Force-Feedback Display" MIT Thesis (1995)
1067	U.S. Patent No. 5,451,924
1068	Patrick, "Design Construction and Testing of a Fingertip Tactile Display for Interaction with Virtual and Remote Environments," MIT Thesis (1990)
1069	Massie, "The PHANToM Haptic Interface—A Device for Probing Virtual Objects" in ASME, Dynamic Systems and Control (1994)
1070	U.S. Patent No. 5,982,352

Exhibit	Description
1071	U.S. Patent No. 6,131,097
1072	U.S. Patent No. 6,337,678
1073	U.S. Patent No. 6,219,034
1074	U.S. Patent No. 6,219,032
1075	U.S. Patent No. 4,885,565
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1090	"How do Analog to Digital Converters (ADCs) work?" CircuitBread, (17 May 2022) https://www.circuitbread.com/ee-faq/how-do-analog-to-digital-converters-adcs-work (accessed Feb. 22, 2024)

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1102	U.S. Patent No. 6,703,550
1103	U.S. Patent No. 5,513,306
1104	U.S. Application Publication No. 2003/0114075 A1
1105	U.S. Patent No. 6,107,765
1106	U.S. Patent No. 5,642,288
1107	U.S. Patent No. 5,530,859
1108	U.S. Patent No. 7,671,846
1109	U.S. Patent No. 4,428,005
1110	"Stick shaker" Wikipedia. https://en.wikipedia.org/wiki/Stick_shaker (accessed Feb. 20, 2024)
1111	U.S. Application Publication No. 2011/0295395A1
1112	Declaration of Elizaeth A. DiMarco in Support of Admission *Pro Hac Vice*
1113	Declaration of Nathan R. Speed in Support of Admission *Pro Hac Vice*

Pursuant to 37 C.F.R. § 42.10(c)(2), and the Board's authorization given via email on March 19, 2025, Valve Corporation hereby submits this Notice of Intent to Designate Nathan R. Speed, a Provisionally Recognized PTAB Attorney, as Back-up Counsel.

Registered practitioner Richard F. Giunta, Reg. No. 36,149 is serving as Lead Counsel for Petitioner in this proceeding. *See* Paper 2. The most recent prior proceeding in which Mr. Speed was recognized *pro hac vice* by order of the Board, pursuant to a motion of the type described in 37 C.F.R. §42.10(c)(1), was IPR2024-00582 (Paper 9, August 12, 2024).

Filed herewith is a certification in the form of a declaration in which Mr. Speed attests to satisfying all requirements set forth by the Board for *pro hac vice* recognition of a provisionally recognized PTAB attorney. *See* Ex. 1113. A power of attorney from the Petitioner appointing Mr. Speed was previously filed in this proceeding on February 16, 2024. *See* Paper 1.

Respectfully submitted,
Valve Corporation

Date: March 20, 2025

/Richard Giunta /

Richard F. Giunta, Reg. No. 36,149
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CERTIFICATE OF SERVICE UNDER 37 C.F.R. § 42.6 (E)(4)

I certify that on March 20, 2025, I will cause a copy of the foregoing document, including any exhibits filed therewith, to be served via electronic mail, as previously consented to by Patent Owner, upon the following:

David D. Schumann	david.schumann@foliolaw.com
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Date: March 20, 2025

/MacAulay Rush/
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Paralegal
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