

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

VALVE CORPORATION,
Petitioner,

v.

IMMERSION CORPORATION,
Patent Owner.

Case No. IPR2024-00557
Patent No. 10,665,067

NOTICE OF FILING PETITIONER'S DEMONSTRATIVE EXHIBITS

LISTING OF EXHIBITS

Exhibit	Description
1001	U.S. Patent No. 10,665,067
1002	Prosecution History of U.S. Patent No. 10,665,067
1003	Declaration of Gregory Welch
1004	CV of Gregory Welch
1005	Plaintiff’s Preliminary Infringement Contentions, <i>Immersion Corp. v. Valve Corp.</i> , 2:23-cv-00712 (W.D. Wash.) (served Oct. 20, 2023)
1006	Exhibit F to Plaintiff’s Preliminary Infringement Contentions, <i>Immersion Corp. v. Valve Corp.</i> , 2:23-cv-00712 (W.D. Wash.) (served Oct. 20, 2023)
1007	Amended Joint Status Report and Discovery Plan, <i>Immersion Corp. v. Valve Corp.</i> , 2:23-cv-00712, Dkt No. 42 (W.D. Wash) (filed Oct. 18, 2023)
1008	U.S. Patent Appl. Publ. No. 2018/0144549 (“Gonzales”)
1009	U.S. Patent Appl. Publ. No. 2016/0274662 (“Rimon”)
1010	U.S. Patent Appl. Publ. No. 2017/0354864 (“Rogers”)
1011	U.S. Patent Appl. Publ. No. 2017/0108930 (“Banerjee”)
1012	U.S. Patent Appl. Publ. No. 2012/0045742 (“Meglan”)
1013	Ronald T. Azuma, “A survey of augmented reality,” <i>Presence: Teleoperators and Virtual Environments</i> , vol. 6, no.4, pp.355 –385, August, 1997 (“Azuma”)
1014	Carmigniani <i>et al.</i> , “Augmented reality technologies, systems and applications,” <i>Multimedia Tools and Applications</i> (2011) 51:341–377, (“Carmigniani”)
1015	Araujo <i>et al.</i> , “An haptic-based immersive environment for shape analysis and modelling,” <i>Journal of Real-Time Image Processing</i> (2010) 5:73–90 (“Araujo”)
1016	U.S. Patent No. 7,812,815 (“Banerjee-815”)

1017	U.S. Patent No. 6,417,638 (“Guy”)
1018	U.S. Patent No. 7,411,576 (“Massie-576”)
1019	U.S. Patent Appl. Publ. No. 2010/0291505 (“Rawley”)
1020	Ronald T. Azuma, “A survey of augmented reality,” <i>Presence: Teleoperators and Virtual Environments</i> , vol. 6, no.4, pp.355-385, August, 1997 (“Azuma-Stamped-Copy”)
1021	U.S. Patent No. 9,563,266 (“Banerjee-266”)
1022	U.S. Patent Appl. Publ. No. 2002/0097223 (“Rosenburg”)
1023	U.S. Patent No. 5,587,937 (“Massie-937”)
1024	U.S. Patent No. 11,127,306 (“Goel”)
1025	U.S. Patent No. 10,172,676 (“Ecabert”)
1026	U.S. Patent Appl. Publ. No. 2018/0335841 (“Rubin”)
1027	U.S. Patent No. 9,881,520 (“Ullrich-520”)
1028	U.S. Patent No. 10,146,335 (“Balan”)
1029	Federal Court Management Statistics (September 2023)
1030	<i>Immersion Corp. v. Valve Corp.</i> , 2:23-cv-00712-TL, Dkt. No. 15 (W.D. Wash. May 18, 2023) (Proof of Service)
1031	<i>Immersion Corp. v. Valve Corp.</i> , 2:23-cv-00712-TL, Dkt. No. 46 (W.D. Wash. Nov. 11, 2023)
1032	U.S. Patent Appl. Publ. No. 2009/0263775 (“Ullrich-775”)
1033	U.S. Patent Appl. Publ. No. 2019/0179426 (“Ojala”)
1034	U.S. Patent No. 10,701,318 (“Valli”)
1035	U.S. Patent Appl. Publ. No. 2018/0050268 (“Jones”)
1036	U.S. Patent No. 10,319,109 (“Murrish”)
1037	U.S. Patent No. 10,803,761 (“Welch”)
1038	Declaration of Nathan R. Speed in Support of Motion for Admission <i>Pro Hac Vice</i>
1039	U.S. Pat. No. 9,035,899 (“Modarres”)

1040	Collins English Dictionary (2016)
1041	Oxford Student's Dictionary (2016)
1042	The American Heritage Dictionary of the English Language (2016)
1043	Petitioner's Demonstrative Exhibits

Pursuant to 37 CFR § 42.6(e)(4)(ii), and the Board's Order Setting Oral Argument (Paper 23), Petitioner herewith submits the following Exhibit:

<u>Exhibit</u>	<u>Description</u>
1043	Petitioner's Demonstrative Exhibits

Respectfully submitted
Valve Corporation

Date: May 6, 2025

/Nathan R. Speed/

Richard F. Giunta, Reg. No. 36,149
Elisabeth H. Hunt, Reg. No. 67,336
Marc S. Johannes, Reg. No. 64,978
Michael S. Parsons, Reg. No. 58,767
Nathan R. Speed, admitted pro hac vice
WOLF, GREENFIELD & SACKS, P.C.
600 Atlantic Avenue
Boston, MA 02210

CERTIFICATE OF SERVICE UNDER 37 C.F.R. § 42.6 (E)(4)

I certify that on May 6, 2025, a copy of the foregoing document, including any exhibits filed therewith, is being served via electronic mail, as previously consented to by Patent Owner, upon the following:

David D. Schumann	david.schumann@foliolaw.com
Palani P. Rathinasamy	palani@foliolaw.com
Moses Xie	moses.xie@foliolaw.com
Timothy Dewberry	timothy.dewberry@foliolaw.com
Ryan Meyer	ryan.meyer@foliolaw.com
Cliff Win	cliff.win@foliolaw.com
Stefan Szpajda	stefan@foliolaw.com

Date: May 6, 2025

/MacAulay Rush/
MacAulay Rush
Paralegal
WOLF, GREENFIELD & SACKS, P.C.