UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

HESAI TECHNOLOGY CO., LTD.
Petitioner,

v.

OUSTER, INC.,
Patent Owner

IPR2023-01456
Patent 11,178,381

PETITIONER'S UPDATED EXHIBIT LIST

LIST OF EXHIBITS

EX1001	U.S. Patent No. 11,178,381 to Pacala et al. ("the '381 patent")
EX1002	Excerpts from the Prosecution History of the '381 Patent ("the Prosecution History")
EX1003	Declaration of Dr. James Shanley
EX1004	Curriculum Vitae of Dr. James Shanley
EX1005	U.S. Patent No. 10,203,399 to Retterath et al ("Retterath")
EX1006	U.S. Patent App. Pub. No. US 2013/0300838 to Borowski ("Borowski")
EX1007	U.S. Patent No. 7,787,105 to Hipp et al ("Hipp")
EX1008	U.S. Patent No. 8,736,818 to Weimer et al ("Weimer")
EX1009	U.S. Patent App. Pub. No. 2016/0274223 ("Imai")
EX1010	JP Publication No. JP 2015-078953 ("Higashi")
EX1011	Certified English Translation of JP Publication No. JP 2015-078953 ("Higashi")
EX1012	U.S. Patent App. Pub. No. US 2017/0040368 ("Grzesik")
EX1013	U.S. Patent App. Pub. No. 2014/0211194 ("Pacala")
EX1014	Lee *et al.*, "Accuracy-Power Controllable LiDAR Sensor System with 3D Object Recognition for Autonomous Vehicle," in *Sensors*, Vol. 20, Iss. 19 (Oct. 2020)
EX1015	ITC Inv. No. 337-TA-1363, Certain Lidar (Light Detection and

	Ranging) Systems And Components Thereof, EDIS Document Details re: Granting Motion for Termination
EX1016	U.S. Patent No. 9,651,658 ("Pennecot")
EX1017	U.S. Patent No. 7,544,945 ("Tan")
EX1018	U.S. Patent No. 6,747,747 ("Hipp-747")
EX1019	Marino *et al.*, *A compact 3D imaging laser radar system using Geiger-mode APD arrays: system and measurements*, MIT Lincoln Lab (2003)
EX1020	Complaint in ITC Inv. No. 337-TA-1363
EX1021	Complaint in *Ouster, Inc. v. Hesai Group et al*, No. 23-cv-00406 (D. Del.)
EX1022	Order Granting Stay in *Ouster, Inc. v. Hesai Group et al.*, No. 23-cv-00406 (D. Del.)
EX1023	Matsubara et al., *Development of Next Generation LiDAR*, R&D Review of Toyota CRDL (2012)
EX1024	U.S. Patent No. 7,969,558 ("Hall")
EX1025	U.S. Patent No. 10,199,801 ("Li")
EX1026	Joint Claim Construction Chart from ITC Inv. No. 337-TA-1363
EX1027	Certified English Translation of JP 2015-055314 ("Imai Priority")
EX1028	U.S. Patent Pub. No. 2016/0327639 ("Albert")
EX1029	PCT Pub. No. WO2017/004663 ("Delic")

EX1030	German Pat No. DE 10 2004 014 041 B4 ("Spies-041")
EX1031	Certified English Translation of DE 10 2004 014 041 B4 ("Spies-041")
EX1032	German Pat. No. DE 101 53 977 B4 ("Spies-977")
EX1033	Certified English Translation of DE 101 53 977 B4 ("Spies-977")
EX1034	Donati, Silvano, Photodetectors: Devices, Circuits and Applications, Chapter 6, 2d Ed., The Institute of Electrical and Electronics Engineers, Inc. (2021, John Wiley & Sons, Inc.)
EX1035	*Performance Analysis of Next-Generation LADAR for Manufacturing, Construction, and Mobility*, National Institute of Standards and Technology (2004)
EX1036	U.S. Patent No. 8,742,325 ("Droz")
EX1037	*Report to Congress: DARPA Prize Authority* (2006)
EX1038	Hall et al., *Team DAD Technical Paper*, DARPA Grand Challenge (2005)
EX1039	McManamon, *Field Guide to LiDAR*, SPIE Field Guides, Vol. FG36 (2015)
EX1040	Second Declaration of Dr. Shanley
EX1041	Transcript of October 9, 2024 Deposition of Dr. Janet
EX1042	U.S. Patent No. 11,422,236
EX1043	U.S. Patent No. 9,841,495
EX1044	U.S. Patent No. 9,804,264

EX1045	Bronzi, D., et al, *Figures of Merit for CMOS SPADs and Arrays*, May 2013
EX1046	Matsubara, H., et al, *Development of Next Generation LIDAR*, Feb. 2012
EX1047	Villa, F., et al, *CMOS Imager With 1024 SPADs and TDCs for Single-Photon Timing and 3-D Time-of-Flight*, July 2014
EX1048	Petitioner's Oral Hearing Demonstratives

Petitioner submits this updated exhibit list to accompany filing of its demonstratives for oral argument.

Respectfully submitted,

Dated: January 9, 2025

/Craig A. Deutsch/

Michael T. Hawkins, Reg. No. 57,867
Craig A. Deutsch, Reg. No. 69,264
Yao Wang, Reg. No. 61,757
Fish & Richardson P.C.
60 South Sixth Street, Suite 3200
Minneapolis, MN 55402
T: 202-783-5070
F: 877-769-7945

Attorneys for Petitioner

CERTIFICATE OF SERVICE

Pursuant to 37 CFR §§ 42.6(e)(1) and 42.6(e)(4)(iii), the undersigned certifies that on January 9, 2025, a complete and entire copy of this Petitioner's Updated Exhibit List was provided by email to the Patent Owner by serving the email correspondence addresses of record as follows:

Nicoletta Kennedy, Reg. No. 68,161
Megan Bussey, Reg. No. 63,789
Kilpatrick Townsend & Stockton LLP

Phillip Morton, Reg. No. 57,835
Eamonn Gardner, Reg. No. 63,322
Patrick W. Lauppe, *Pro Hac Vice*
COOLEY LLP

Email: nkennedy@kilpatricktownsend.com
mbussey@kilpatricktownsend.com
pmorton@cooley.com
egardner@cooley.com
plauppe@cooley.com

/Hoi Cheung/
Hoi Cheung
Fish & Richardson P.C.
60 South Sixth Street, Suite 3200
Minneapolis, MN 55402
hcheung@fr.com