

**UNITED STATES INTERNATIONAL TRADE COMMISSION
WASHINGTON, D.C.**

**Before the Honorable MaryJoan McNamara
Administrative Law Judge**

In the Matter of

**CERTAIN LIDAR (LIGHT DETECTION
AND RANGING) SYSTEMS AND
COMPONENTS THEREOF**

Inv. No. 337-TA-1363

RESPONDENTS' PROPOSED LIST OF MARKMAN EXHIBITS

Pursuant to the Procedural Schedule (Order 6), Hesai Group, Hesai Technology Co., Ltd., and Hesai Inc. (collectively “Hesai” or “Respondents”) submit the following preliminary proposed list of *Markman* exhibits.

Intrinsic Evidence

No.	Description	Purpose	Sponsor	Received
RXM-0001	U.S. Pat. No. 11,175,405	Intrinsic evidence	Respondents' Presentation	
RXM-0002	U.S. Pat. No. 11,178,381	Intrinsic evidence	Respondents' Presentation	
RXM-0003	U.S. Pat. No. 11,190,750	Intrinsic evidence	Respondents' Presentation	
RXM-0004	U.S. Pat. No. 11,287,515	Intrinsic evidence	Respondents' Presentation	
RXM-0005	U.S. Pat. No. 11,422,236	Intrinsic evidence	Respondents' Presentation	
RXM-0006	File History for U.S. App. No. 15/979,266 (excerpts)	Intrinsic evidence	Respondents' Presentation	
RXM-0007	File History for U.S. App. No. 15/276,532 (excerpts)	Intrinsic evidence	Respondents' Presentation	

RXM-0008	File History for U.S. App. No. 16/209,875 (excerpts)	Intrinsic evidence	Respondents' Presentation	
RXM-0009	File History for U.S. App. No. 15/685,384 (excerpts)	Intrinsic evidence	Respondents' Presentation	

Extrinsic Evidence

No.	Description	Purpose	Sponsor	Received
RXM-0010	McManamon, <i>Field Guide to LiDAR</i> (2015)	Technical background	Respondents' Presentation	
RXM-0011	Cova et al., <i>Avalanche photodiodes and quenching circuits for single-photon detection</i> (1996)	Extrinsic evidence regarding the term "SPAD"	Respondents' Presentation	
RXM-0012	Zappa et al., <i>Principles and Features of Single Photon Avalanche Photodiode Arrays</i> (2007)	Extrinsic evidence regarding the term "SPAD"	Respondents' Presentation	
RXM-0013	Matsubara et al., <i>Development of Next Generation LiDAR</i> , R&D Review of Toyota CRDL (2012)	Extrinsic evidence regarding the term "SPAD"	Respondents' Presentation	
RXM-0014	Modern Dictionary of Electronics, 7 th Ed. (1999)	Extrinsic evidence regarding the terms "aperture" and "field of view"	Respondents' Presentation	
RXM-0015	Pedrotti et al., <i>Introduction to Optics</i> , 3rd Ed.	Extrinsic evidence regarding the terms "aperture" and "field of view"	Respondents' Presentation	
RXM-0016	<i>Fluorescence Microscopy - From Principles to Biological Applications</i> , 2 nd Ed. (2017)	Extrinsic evidence regarding the terms "aperture" and "field of view"	Respondents' Presentation	

RXM-0017	Merriam Webster's Dictionary (2015)	Extrinsic evidence regarding the terms "aperture" and "sleeve"	Respondents' Presentation	
RXM-0018	Escudier et al., Oxford Dictionary of Mechanical Engineering, 2 nd Ed. (2019)	Extrinsic evidence regarding the term "sleeve"	Respondents' Presentation	
RXM-00019	Collins English Dictionary, 12 th Ed. (2016)	Extrinsic evidence regarding the term "sleeve"	Respondents' Presentation	
RXM-00020	Oxford Advanced Learner's Dictionary, 9 th Ed. (2015)	Extrinsic evidence regarding the terms "sleeve" and "a plurality of magnetic segments"	Respondents' Presentation	
RXM-00021	Mlot et al., <i>Iron loss and eddy-current loss analysis in a low-power BLDC motor with magnet segmentation</i> (2012)	Extrinsic evidence regarding the term "a plurality of magnetic segments"	Respondents' Presentation	
RXM-00022	Yunsheng USA, <i>Multi-Pole Ring Technology</i> (2016)	Extrinsic evidence regarding the term "a plurality of magnetic segments"	Respondents' Presentation	
RXM-00023	Cehovski et al., <i>Silicon Photomultiplier for Laser Detection of Objects in the Near Area Vehicle Environment</i> , IEEE	Extrinsic evidence regarding the term "SPAD"	Respondents' Presentation	
RXM-00024	Dolinsky et al., <i>Timing Resolution Performance Comparison for Fast and</i>	Extrinsic evidence regarding the term "SPAD"	Respondents' Presentation	

	<i>Standard Outputs of SensL SiPM</i> , IEEE			
RXM-0025	<i>Son, Multiple-Target Laser Ranging Receiver Using a Silicon Photomultiplier Array</i> , IEEE	Extrinsic evidence regarding the term “SPAD”	Respondents’ Presentation	
RXM-00026	Respondents’ Demonstrative Exhibits	Demonstrative	Respondents’ Presentation	
RXM-0027	Expert Declaration(s)	Extrinsic evidence	Respondents’ Presentation	

Dated: July 13, 2023

Respectfully submitted,

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CERTIFICATE OF SERVICE

I, Michael R. Doman, Jr., hereby certify that on July 13, 2023, copies of the foregoing document were served upon the following parties as indicated:

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/s/ Michael R. Doman, Jr.
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