

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

AXON ENTERPRISE, INC. AND DEDRONE HOLDINGS, INC.

Petitioners

v.

AIRSPACE DEFENSE, INC.

Patent Owner

Case No. IPR2025-00530

Patent 10,249,199

PETITIONERS' UPDATED EXHIBIT LIST

LIST OF EXHIBITS

Ex. No. ¹	Description
1001	U.S. Patent No. 10,249,199 to Banga, “System and Method for Aerial System Discrimination and Action” (the “199 Patent”)
1002	File History for U.S. Patent No. 10,249,199
1003	Declaration of Dr. Girish Chowdhary
1004	Complaint for Patent Infringement, <i>Airspace Systems, Inc. v. Dedrone Holdings, Inc.</i> , Case No. 1-24-cv-01625 (E.D. VA), September 16, 2024
1005	U.S. Patent Application Publication No. 2019/0003807 to Whitmarsh <i>et al.</i> , “UAV Defense System,” (“ <i>Whitmarsh</i> ”) filed December 8, 2016 and published January 3, 2019
1006	U.S. Provisional Application No. 62/267,393 to Whitmarsh <i>et al.</i> , “UAV Defense System,” (“ <i>Whitmarsh Provisional</i> ”), filed December 15, 2015
1007	U.S. Patent Application Publication No. 2007/0239986 to Viggiano <i>et al.</i> , “Secure ADS-B Authentication System and Method,” (“ <i>Viggiano</i> ”) filed April 7, 2006 and published October 11, 2007
1008	U.S. Patent Application Publication No. 2016/0023760 to Goodrich, “Systems and Methods Countering an Unmanned Aerial Vehicle,” (“ <i>Goodrich</i> ”) filed July 16, 2015 and published January 28, 2016
1009	U.S. Patent No. 10,733,894 to Beard <i>et al.</i> , “Direct-broadcast Remote Identification (RID) Device for Unmanned Aircraft Systems (UAS),” filed February 26, 2018 and issued August 4, 2020
1010	U.S. Provisional Application No. 62/209/221 to Beard, “Automatic Dependent Surveillance Broadcast Transmission within Whitespace,” filed August 24, 2015

¹ Citations to patents are made by column and line cite; citations to patent publications are made by paragraph number; citations to Exhibit 1002 are made with reference to the Bates-stamped pagination; citations to other exhibits are made to the page number of the document itself.

1011	U.S. Patent No. 9,805,238 to Falk <i>et al.</i> , “System for Identifying and Controlling Unmanned Aerial Vehicles,” (“ <i>Falk</i> ”) filed July 11, 2016 and issued October 31, 2017
1012	U.S. Provisional Application No. 62/301,858 to <i>Falk</i> , “System for Identifying and Controlling Unmanned Aerial Vehicles,” (“ <i>Falk Provisional</i> ”), filed March 1, 2016
1013	Claim Listing of Challenged Claims
1014	Kayton, Myron and Fried, Walter, <i>Avionics Navigation Systems</i> , John Wiley and Sons, 1997.
1015	International Publication No. WO2016/154949 A1 to Gong <i>et al.</i> , “Authentication Systems and Methods for Generating Flight Regulations,” filed March 31, 2015 and published October 6, 2016
1016	International Publication No. WO2015/043123 A1 to Wang <i>et al.</i> , “Data Communication Systems and Methods,” filed January 14, 2014 and published April 2, 2015
1017	Burnside, Joseph E., “ADS-B Out: 978 UAT Or 1090ES?,” AviationSafety Magazine, published March 15, 2016.
1018	Nichols, Randall et al., <i>Counter Unmanned Aircraft Systems Technology and Operations</i> , New Prairie Press, 2020
1019	Austin, Reg, <i>Unmanned Aircraft Systems, UAVS Design, Development and Deployment</i> , Wiley, John Wiley and Sons, 2010
1020	Stipulation email on May 29, 2025
1021	Second Declaration of Dr. Girish Chowdhary
1022	International Publication No. WO2016/161637 to Gong et al., “Method, Apparatus and System of Providing Communication Coverage to an Unmanned Aerial Vehicle,” filed April 10, 2015 and published October 13, 2016 (“Gong637”)
1023	Transcript of Deposition of Dr. Nikolaos Papanikolopoulos
1024	Third Declaration of Dr. Girish Chowdhary
1025	U.S. Patent 9,087,451 to Jarrell, “Unmanned Aerial Vehicle Communication, Monitoring, and Traffic Management,” filed July 28, 2014, issued July 21, 2015 (“Jarrell”)
1026	U.S. Patent Application Publication No. 2016/0125740 to Pasko et al., “Unmanned Aerial Vehicle Identity and Capability Verification,” filed May 20, 2014, published May 5, 2016 (“Pasko”)
1027	Transcript of Second Deposition of Dr. Nikolaos Papanikolopoulos
1028	Transcript of PTAB Hearing Teleconference on July 13, 2026
1029	Errata sheet for July 13, 2026 teleconference
1030	Petitioners’ Hearing Demonstratives

Respectfully submitted,

BAKER BOTTS L.L.P.

A handwritten signature in black ink, appearing to read "Chad C. Walters". The signature is fluid and cursive, with a long horizontal stroke extending from the end.

Chad C. Walters (Reg. No. 48,022)

Lead Counsel for Petitioners

Date: July 27, 2026

CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6(e), I certify that on this 27th day of July, 2026, **PETITIONERS' UPDATED EXHIBIT LIST** and **EX1030** were served by email on the following counsel for Patent Owner:

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Respectfully submitted,

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Lead Counsel for Petitioners

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