

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Space Exploration Technologies Corp.
Petitioner

v.

Blue Origin LLC
Patent Owner

U.S. Patent No. 8,678,321
Filing Date: June 14, 2010
Issue Date: March 25, 2014

Title: SEA LANDING OF SPACE LAUNCH VEHICLES
AND ASSOCIATED SYSTEMS AND METHODS

Inter Partes Review No. _____

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EXHIBITS

Ex. No.	Title of Document
1101	U.S. Patent No. 8,678,321 to Jeffrey P. Bezos et al.
1102	Prosecution History of U.S. Patent No. 8,678,321 to Jeffrey P. Bezos et al.
1103	Yoshiyuki Ishijima et al., <i>Re-entry and Terminal Guidance for Vertical-Landing TSTO (Two-Stage to Orbit)</i> , A Collection of Technical Papers Part 1, AIAA Guidance, Navigation and Control Conference and Exhibit, A98-37001 (“Ishijima”)
1104	U.S. Patent No. 5,873,549 to Jeffery G. Lane et al. (“Lane”)
1105	U.S. Patent No. 6,158,693 to George E. Mueller et al. (“Mueller ‘693”)
1106	U.S. Patent No. 5,927,653 to George E. Mueller et al. (“Mueller ‘653”)
1107	U.S. Patent No. 6,024,006 to Bjørn Kindem et al. (“Kindem”)
1108	Jack Waters, et al., <i>Test Results of an F/A-18 Automatic Carrier Landing Using Shipboard Relative GPS</i> , Proceeding of the ION 57th Annual Meeting and the CIGTF 20th Biennial Guidance Test Symposium (2001) (“Waters”)
1109	U.S. Patent No. 6,450,452 to Robert B. Spencer et al. (“Spencer”)
1110	LUCY ROGERS, IT’S ONLY ROCKET SCIENCE: AN INTRODUCTION IN PLAIN ENGLISH (2008).
1111	U.S. Patent No. 8,047,472 to Vance D. Brand et al. (“Brand”)
1112	STEVEN J. ISAKOWITZ, JOSEPH P. HOPKINS & JOSHUA B. HOPKINS, INTERNATIONAL REFERENCE GUIDE TO SPACE LAUNCH SYSTEMS (4th ed. 2004).
1113	MARSHALL H. KAPLAN, SPACE SHUTTLE: AMERICA'S WINGS TO THE FUTURE (2nd ed. 1978).

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Ex. No.	Title of Document
1114	NASA, http://www.nasa.gov/mission_pages/shuttle (last visited Aug. 13, 2014).
1115	Ed Memi, <i>A Step To The Moon: DC-X Experimental Lander Set Up Boeing For Future NASA Work</i> . BOEING FRONTIERS, 8-9. http://www.boeing.com/news/frontiers/archive/2008/aug/i_history.pdf (last visited Aug. 13, 2014).
1116	William Gaubatz, et al., <i>DC-X Results and the Next Step</i> , American Institute of Aeronautics and Astronautics, AIAA-94-4674 (1994).
1117	Declaration of Marshal H. Kaplan, Ph.D. dated August 25, 2014

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