Paper No. 1

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Shenzhen Silver Star Intelligent Technology Co., Ltd.
Petitioner,

v.

iRobot Corporation
Patent Owner

PETITION FOR INTER PARTES REVIEW OF U.S. PATENT NO. 6,809,490

Mail Stop Patent Board
Patent Trial and Appeal Board
P.O. Box 1450
Alexandria, VA 22313-1450

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List of Exhibits

Ex. No.	Description of Exhibit
1001	U.S. Patent No. 6,809,490 to Joseph L. Jones et al.
1002	Prosecution File History of U.S. Patent No. 6,809,490
1003	ITC Complaint
1004	District Court Complaints
1005	Certified translation of JP 11-212642 ("Ueno") and Affidavit certifying translation of Ueno
1006	WO 00/04430 ("Bottomley")
1007	US 6,574,536 ("Kawagoe")
1008	WO 93/03399 ("Öhman")
1009	Dictionary definition of "encounter"
1010	WO 00/38025 ("Bisset")
1011	Translation of DE 19849978 ("Erwin")
1012	US 5,204,814 ("Noonan")
1013	US 6,076,025 ("Ueno '025")
1014	JP 11-212642 ("Ueno")
1015	DE 19849978 ("Erwin")
1016	"Sensors for Mobile Robots – Theory and Application" by H.R. Everett, Wellesley, MA, 1995
1017	"Where am I? Sensors and Methods for Mobile Robot Positioning" by J. Borenstein, H.R. Everett and L. Feng, University of Michigan, Ann Arbor, MI, April 1996
1018	"Mobile Robots – Inspiration to Implementation" by J.L. Jones and A. M. Flynn, Wellesley, MA, 1st Edition, 1993
1019	"Sweep Strategies for a Sensory-Driven, Behavior-Based Vacuum Cleaning Agent" by K.L. Doty and R.R. Harrison, AAAI Technical Report FS-93-03, AAAI 1993 Fall Symposium Series – Instantiating Real-World Agents, Oct. 1993 ("AAAI Article")
1020	Declaration of Dr. Mingshao Zhang, Ph.D., Regarding Invalidity of

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