

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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Shenzhen Silver Star Intelligent Technology Co., Ltd.

Petitioner

v.

iRobot Corporation

Patent Owner

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Case: Unassigned

U.S. Patent No. 6,809,490

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**DECLARATION OF JULIE JAGER**

I, Julie Jager, do hereby declare as follows:

1. I am a paralegal at Arch & Lake LLP, attorneys for Petitioner. I make this declaration based on personal knowledge.
2. Exhibit 1001 is a copy of U.S. Patent No. 6,809,490, the patent that is the subject of the present Petition.
3. Exhibit 1002 is the Prosecution File History of U.S. Patent No. 6,809,490.
4. Exhibit 1003 is a copy of ITC COMPLAINT for Investigation filed with United States International Trade Commission on April 18, 2017.
5. Exhibit 1004 is a copy of the complaint filed with United States District Court for the District of Massachusetts on April 17, 2017.
6. Exhibit 1005 is a copy of Certified Translation of JPH11212642A.
7. Exhibit 1006 is a copy of PCT application of WO0004430A1.
8. Exhibit 1007 is a copy of U.S. Patent 6,574,536.
9. Exhibit 1008 is a copy of PCT application of WO9303399A1.
10. Exhibit 1009 is the Dictionary Definition of Encounter.
11. Exhibit 1010 is a copy of PCT application of WO0038025A1.
12. Exhibit 1011 is a copy of translated German application of DE19849978A1.
13. Exhibit 1012 is a copy of U.S. Patent 5,204,814.
14. Exhibit 1013 is a copy of U.S. Patent 6,076,025.
15. Exhibit 1014 is a copy of Japanese application of JPH11212642A.
16. Exhibit 1015 is a copy of German application of DE19849978A1.
17. Exhibit 1016 is a copy of “Sensors for Mobile Robots – Theory and Application” by H.R. Everett, Wellesley, MA, 1995.

18. Exhibit 1017 is a copy of “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
19. Exhibit 1018 is a copy of “Mobile Robots – Inspiration to Implementation” by J.L. Jones and A. M. Flynn, Wellesley, MA, 1<sup>st</sup> Edition, 1993.
20. Exhibit 1019 is a copy of “Sweep Strategies for a Sensory-Driven, Behavior-Based Vacuum Cleaning Agent” by K.L. Doty and R.R. Harrison, AAI Technical Report FS-93-03, AAI 1993 Fall Symposium Series – Instantiating Real-World Agents, Oct. 1993 (“AAAI Article”).
21. Exhibit 1020 is a copy of Declaration of Dr. Mingshao Zhang, Ph.D.
22. Exhibit 1021 is a copy of Respondents’ opening claim construction brief, *Certain Robotic Vacuum Cleaning Devices and Components Thereof Such as Spare Parts*, Inv. No. 337-TA-1057.
23. Exhibit 1022 is a copy of Complainant’s reply claim construction brief, *Certain Robotic Vacuum Cleaning Devices and Components Thereof Such as Spare Parts*, Inv. No. 337-TA-1057.
24. Exhibit 1023 is a copy of Joint Claim Construction Chart, *Certain Robotic Vacuum Cleaning Devices and Components Thereof Such as Spare Parts*, Inv. No. 337-TA-1057.
25. Exhibit 1024 is a copy of Markman hearing transcript, *Certain Robotic Vacuum Cleaning Devices and Components Thereof Such as Spare Parts*, Inv. No. 337-TA-1057.
26. Exhibit 1025 is a copy of Construing terms of the asserted patents (November 9, 2017), *Certain Robotic Vacuum Cleaning Devices and Components Thereof Such as Spare Parts*, Inv. No. 337-TA-1057.

27. Exhibit 1026 is a copy of U.S. Patent 6,493,612.

April 9, 2018

/Julie Jager/

Julie Jager