

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

AVIDBOTS CORP. and AVIDBOTS USA CORP.,

Petitioners,

v.

BRAIN CORPORATION,
Patent Owner.

Case No. IPR2025-01602
U.S. Patent No. 10,274,325

SEARCH DISCLOSURE DECLARATION

Mail Stop PATENT BOARD
Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

The Petition for Inter Partes Review cites four references in its grounds:

1. Giorgio Olson, et al, Robust and Efficient Robotic Mapping, Massachusetts Institute of Technology (June 2008) (“Olson”) (Ex1004)
2. “Springer Handbook of Robotics (2d ed.): Simultaneous localization and mapping” (“Stachniss”) (Ex1005)
3. U.S. Patent No. 9,538,892 (“Fong”) (Ex1006)
4. U.S. Patent No. 9,020,637 (“Schnittman”) (Ex1007).

Collectively, those four references are the asserted prior art.

Per the November 17, 2025 memorandum, Petition provides the information for where the asserted prior art was located:

Database and repositories in which the asserted prior art was located: The asserted prior art was located using Google Scholar, Google Patents, and Google Search.

General search approach, search terms, filters, queries or classification pathways employed: One search looked for patents assigned to iRobot using keywords including “map,” “navigation,” and “home base.” Other searches employed keyword searching with terms like “robot,” “navigation,” “ray,” and “localization.”

Other analytics or publicly accessible resources consulted: None

The amount of time spent on the search: 7–9 hours were spent.

The amount of time spent reviewing search results: Two to three hours were spent reviewing the search results.

DATED: December 4, 2024

Respectfully Submitted,

/Brian M. Buroker/

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CERTIFICATE OF SERVICE

The undersigned certifies service pursuant to 37 C.F.R. §§ 42.6(e) and 42.105(a), (b) on the Patent Owner via FedEx overnight mail of a copy of Petitioner's Search Disclosure Declaration at the correspondence address of record for the '325 Patent:

197519 - Pierson Ferdinand, LLP
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A courtesy copy was also sent via electronic mail to Patent Owner's litigation counsel at the following addresses:

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