



LANDSCAPE & FTO SUPPORT

Where the risk concentrates.

A product's features mapped against in-force patent families in the field — showing which features sit in open space and which brush active claims, with the evidence behind each.

■ SPECIMEN

This is a **format sample**. The subject, parties, identifiers, counts, confidence values, and evidence references below are **fabricated to demonstrate the report's structure and look** — they are not real search results, not a real client engagement, and contain no legal conclusions.

<p>PRODUCT</p> <p>Autonomous warehouse picking arm</p>	<p>PREPARED FOR</p> <p>[Sample Client]</p>	<p>SCOPE</p> <p>Landscape + FTO support</p>	<p>JURISDICTION</p> <p>US (illustrative)</p>
<p>REPORT ID</p> <p>FTO-SPEC-0000</p>	<p>METHOD</p> <p>Family dedup + feature-to-claim overlap</p>		

01 The read, in one page

Across the illustrative product's features, most sit in open or lightly-claimed space. Two — the compliant gripper and the dynamic re-grasp planner — overlap in-force claims

held by two assignees. This report maps those overlaps to specific claim limitations so a clearance review can be scoped where it matters.

This is **freedom-to-operate support**: it shows where a feature brushes an active claim and hands counsel the mapped evidence. It is **not a clearance opinion** — whether the product infringes, and whether a claim is in force and valid, are legal determinations for your attorney.

The map on the next page shows where in-force families concentrate, with your at-risk features marked.

02 Scope & method

WHAT WAS MAPPED

- ◆ **Features** — the product broken into discrete, claim-comparable elements.
- ◆ **Field corpus** — patent families in the relevant technology segments.
- ◆ **In-force / dedup** — families collapsed to distinct inventions; lapsed and expired set aside.

HOW OVERLAP IS JUDGED

- ◆ **Element vs. limitation** — each product feature compared to independent-claim limitations.
- ◆ **Status check** — overlap flagged only where the family appears in force.
- ◆ **Classification scan** — art whose codes understate the real subject-matter surfaced.
- ◆ **Evidence** — every overlap tied to a claim passage and byte span.

03 The landscape at a glance

Each row is an assignee; each column a technology segment. Denser cells hold more in-force families. The rings mark where your product's features overlap an active cluster.

In-force families by assignee x technology segment ILLUSTRATIVE LAYOUT · FABRICATED DENSITY

ASSIGNEE (ILLUSTRATIVE)	GRASPING	VISION	PATH PLANNING	SAFETY / STOP
Otterband Robotics	••• ○	•	••	•
Kestrel Automation	•	•••	••• ○	••
Vanta Logistics Systems	••	••	•	•••
Polaris Handling	•	•	••	•

••• in-force family density (fabricated) ○ your product feature overlaps here Counts are fabricated

04 Where features overlap active claims

Two features merit a scoped clearance look. Each is mapped to the specific in-force claim limitation it brushes — the evidence your counsel needs to judge risk, not a conclusion about it.

F1 feature overlap · illustrative

Otterband Robotics · grasping

Compliant gripper overlaps an in-force grasping claim

The product's variable-compliance gripper maps to a limitation of an in-force Otterband claim covering force-controlled compliant grasping. The overlap is on the control method, not the mechanism — which counsel will want to weigh against the claim as construed.

WHY IT IS FLAGGED

The mapped limitation reads on the product's described control behavior at high confidence, and the family appears in force. That combination is what warrants a clearance review.

IN-FORCE REFERENCE	MAPPED CLAIM LIMITATION	PARAGRAPH · BYTE SPAN	CONFIDENCE
US 10,562,180 B2	"modulating grip force responsive to a compliance estimate"	¶0043 · 15,880–16,052	<div style="width: 80%;"></div> 0.86
US 10,562,180 B2	"a feedback loop adjusting actuator current to a target force"	¶0048 · 17,210–17,366	<div style="width: 75%;"></div> 0.78


ILLUSTRATIVE – FABRICATED FOR LAYOUT; NOT LIVE CORPUS OUTPUT.

Dynamic re-grasp planner overlaps an in-force planning claim

The product's re-grasp planner maps to a Kestrel claim covering replanning a grasp after a detected slip. The overlap is narrow but on an independent-claim limitation.

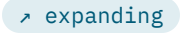
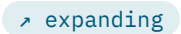


WHY IT IS FLAGGED

A single independent-claim limitation reads on the feature's described behavior; in-force status plus that mapping is the trigger for a focused clearance review, not a finding of infringement.

IN-FORCE REFERENCE	MAPPED CLAIM LIMITATION	PARAGRAPH · BYTE SPAN	CONFIDENCE
US 10,901,335 B2	"recomputing a grasp pose upon detecting a slip event"	¶0057 · 21,440-21,612	 0.80

ILLUSTRATIVE – FABRICATED FOR LAYOUT; NOT LIVE CORPUS OUTPUT.

05 Active families near the product

ASSIGNEE (ILLUSTRATIVE)	NEAREST FEATURE	SEGMENT	TRAJECTORY
Otterband Robotics	F1 · gripper	Grasping	 expanding
Kestrel Automation	F2 · re-grasp planner	Path planning	 expanding
Vanta Logistics Systems	— (safety)	Safety / stop	 steady
Polaris Handling	— (open space)	Path planning	 steady

06 How to read this report

EVERY OVERLAP ROW CARRIES

- ◆ **In-force reference** — the patent whose claim the feature brushes.
- ◆ **Mapped claim limitation** — the exact element the product feature reads on.
- ◆ **Paragraph · byte span** — the precise location of the claim passage in the source.
- ◆ **Confidence** — the match strength for the feature-to-limitation link.

WHAT THIS REPORT DOES NOT DO

- ◆ It is not a freedom-to-operate clearance opinion.
- ◆ Overlap means a feature merits review — not that it infringes.
- ◆ In-force status and validity are legal determinations for counsel.
- ◆ It is not legal advice.

◆ **Scope & boundaries**

- § **This is a specimen.** All assignees, identifiers, counts, passages, byte spans, and confidence values are fabricated to demonstrate format. They describe no real product, portfolio, or engagement.
- § **FTO support, not a clearance opinion.** This service maps where product features overlap in-force claims. It does not determine infringement, validity, or enforceability — those are legal opinions for your patent counsel.
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- § **Scope-bound.** A live report is limited to the product features, jurisdiction(s), corpus window, and method agreed in the order form; in-force status is as of the search date.