

# PATENT COOPERATION TREATY

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To:  
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**UNITED STATES OF AMERICA**

CONFIRMATION NO. 8500

## PCT

NOTIFICATION OF THE INTERNATIONAL  
 APPLICATION NUMBER AND OF  
 THE INTERNATIONAL FILING DATE

(PCT Rule 20.2(c))

Applicant's or agent's file reference <b>GUARDRAILGUARDIAN</b>		Date of mailing (day/month/year) <b>22 January 2026 (22.01.2026)</b>
International application No. <b>PCT/US2025/059516</b>	International filing date (day/month/year) <b>12 December 2025 (12.12.2025)</b>	Priority date (day/month/year)
Applicant <b>RAPHAEL, OREN</b>		
Title of the invention <b>SYSTEM AND METHOD FOR REAL-TIME SMART PUMP BYPASS DETECTION AND INTERVENTION</b>		

1. The applicant is hereby notified that the international application has been accorded the international application number and the international filing date indicated above.

2. The applicant is further notified that the record copy of the international application:

was transmitted to the International Bureau on 22 January 2026 (22.01.2026)

has not yet been transmitted to the International Bureau for the reason indicated below and a copy of this notification has been sent to the International Bureau\*:

because the necessary national security clearance has not yet been obtained.

because (reason to be specified):

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3. FOREIGN TRANSMITTAL LICENSE INFORMATION Completed by: L.E.

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(date)

37 CFR 5.15(a)       37 CFR 5.15(b)

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