

**ELECTRONIC ACKNOWLEDGEMENT RECEIPT**

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
<b>19/318,366</b>	<b>09/04/2025 12:34:43 AM Z ET</b>	-

**Title of Invention**

SYSTEM AND METHOD FOR SEMANTIC DATA RESHAPING IN STORAGE DEVICES FOR ARTIFICIAL INTELLIGENCE WORKLOADS

**Application Information**

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	4123	FILED BY	Bong Hyoung Lee
PATENT CENTER #	72144273	FILING DATE	-
CUSTOMER #	-	FIRST NAMED INVENTOR	Bong Hyoung Lee
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**Documents****TOTAL DOCUMENTS: 3**

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
SYSTEM AND METHOD FOR SEMANTIC DATA RESHAPING IN STORAGE DEVICES.pdf	33	-	1352 KB
SYSTEM AND METHOD FOR SEMANTIC DATA RESHAPING IN STORAGE DEVICES-SPEC.pdf	(1-28) 28	Specification	1277 KB
SYSTEM AND METHOD FOR SEMANTIC DATA RESHAPING IN STORAGE DEVICES-CLM.pdf	(29-31) 3	Claims	172 KB

SYSTEM AND METHOD FOR SEMANTIC DATA RESHAPING IN STORAGE DEVICES-ABST.pdf	(32-33)	2	Abstract	167 KB
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## Digest

### DOCUMENT

### MESSAGE DIGEST(SHA-512)

SYSTEM AND METHOD FOR  
SEMANTIC DATA  
RESHAPING IN STORAGE  
DEVICES.pdf

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SYSTEM AND METHOD FOR  
SEMANTIC DATA  
RESHAPING IN STORAGE  
DEVICES-SPEC.pdf

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SYSTEM AND METHOD FOR  
SEMANTIC DATA  
RESHAPING IN STORAGE  
DEVICES-CLM.pdf

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SYSTEM AND METHOD FOR  
SEMANTIC DATA  
RESHAPING IN STORAGE  
DEVICES-ABST.pdf

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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### **New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

#### **National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### **New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.