



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
19/318,364	09/04/2025 12:30:54 AM Z ET	-

Title of Invention

SYSTEM AND METHOD FOR INTELLIGENT PHYSICAL DATA PLACEMENT IN SOLID-STATE DRIVES USING FLEXIBLE DATA PLACEMENT DIRECTIVES FOR AI WORKLOADS

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7066	FILED BY	Bong Hyoung Lee
PATENT CENTER #	72144260	FILING DATE	-
CUSTOMER #	-	FIRST NAMED INVENTOR	Bong Hyoung Lee
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Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
SYSTEM AND METHOD FOR INTELLIGENT PHYSICAL DATA PLACEMENT IN SOLID-STATE DRIVES.pdf	21	-	1575 KB
SYSTEM AND METHOD FOR INTELLIGENT PHYSICAL DATA PLACEMENT IN SOLID-STATE DRIVES-SPEC.pdf	(1-17) 17	Specification	1515 KB
SYSTEM AND METHOD FOR INTELLIGENT	(18-21) 4	Claims	175 KB

PHYSICAL DATA
 PLACEMENT IN SOLID-
 STATE DRIVES-CLM.pdf

Digest

DOCUMENT

MESSAGE DIGEST(SHA-512)

SYSTEM AND METHOD FOR
 INTELLIGENT PHYSICAL
 DATA PLACEMENT IN SOLID-
 STATE DRIVES.pdf

FC9F2687B52BE35EBC7B8FD9D5EFA455287E25919D6ACDD8
 160B31599336F00C900693C0A0F2FBCB8AA3595F4E1161D46
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SYSTEM AND METHOD FOR
 INTELLIGENT PHYSICAL
 DATA PLACEMENT IN SOLID-
 STATE DRIVES-SPEC.pdf

FA86CE8F167B56C7A4F0EE8F5DF82E46EB120FE57BFC8DB3
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SYSTEM AND METHOD FOR
 INTELLIGENT PHYSICAL
 DATA PLACEMENT IN SOLID-
 STATE DRIVES-CLM.pdf

C12222F06872E9C679B9E16051C4616D390F19A282A8486FF9
 829EFBF51BB4BACFC8CF3CFC9B8280A4BFAD4977022D5D1
 AEEB91D9662FACDED83C8F0569ACF08

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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.