



ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
19/318,398	09/04/2025 03:50:05 AM Z ET	-

Title of Invention

ADAPTIVE MULTI-QUEUE I/O SCHEDULING SYSTEM WITH MACHINE LEARNING-BASED PREDICTIVE OPTIMIZATION FOR HIGH-PERFORMANCE STORAGE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	7566	FILED BY	Bong Hyoung Lee
PATENT CENTER #	72144920	FILING DATE	-
CUSTOMER #	-	FIRST NAMED INVENTOR	Bong Hyoung Lee
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Documents

TOTAL DOCUMENTS: 3

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
ADAPTIVE MULTI-QUEUE IO SCHEDULING SYSTEM.pdf	40	-	1150 KB
ADAPTIVE MULTI-QUEUE IO SCHEDULING SYSTEM-SPEC.pdf	(1-33) 33	Specification	1073 KB
ADAPTIVE MULTI-QUEUE IO SCHEDULING SYSTEM-CLM.pdf	(34-39) 6	Claims	153 KB
ADAPTIVE MULTI-QUEUE IO SCHEDULING	(40-40) 1	Abstract	136 KB

SYSTEM-ABST.pdf

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
ADAPTIVE MULTI-QUEUE IO SCHEDULING SYSTEM.pdf	08DC84188C52D3D272D8C2E0C946D9B032FB19F6215A5159F2A26685BDD557D3DD1C685E692A8CC38A274C360DD98D1B9185AF790D6796FC17D6E2448E622769
ADAPTIVE MULTI-QUEUE IO SCHEDULING SYSTEM-SPEC.pdf	EBE89B0262106B56A379720A5484036D778256645350F1AC781F0663AF42EEECB5F4FBEA7A36BF47632A8D4773CD73F4D6D8D02DD2E69076AD965E55C55995B5
ADAPTIVE MULTI-QUEUE IO SCHEDULING SYSTEM-CLM.pdf	85FA1F558C14B1F8D8A188D73962AA4CF71B36B333EB0A7BD45F6AB0045A2892B318B525BBE51CF207B745840EC1C0666280D0502163308DDDB8D26E32441DD5
ADAPTIVE MULTI-QUEUE IO SCHEDULING SYSTEM-ABST.pdf	0D17480F73286A4B3868A5135447129EE7244F867290BABA00B87DD155E1C5B3153E7346D979FC864F6B2746D86A6C209714DC22EBF15B9125D04F11143CAD72

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.