

**ELECTRONIC ACKNOWLEDGEMENT RECEIPT**

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
19/250,030	06/25/2025 11:15:10 PM Z ET	-

Title of Invention

OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO-CHANNEL NETWORKS

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5040	FILED BY	Bong Hyung Lee
PATENT CENTER #	71083422	FILING DATE	-
CUSTOMER #	-	FIRST NAMED INVENTOR	Bong Hyung Lee
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Documents**TOTAL DOCUMENTS: 3**

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO.pdf		16	-	440 KB
OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO-SPEC.pdf	(1-12)	12	Specification	399 KB
OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO-CLM.pdf	(13-15)	3	Claims	158 KB
OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO-ABST.pdf	(16-16)	1	Abstract	175 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO.pdf	EBBB332AC94309C8644845A9B00FFA54420C9B9BFFD200FF1 84FC3A33ECBB5CDCC36C9234825F6DF9DF0955F3E8D8FE8 D5A7C7E2C8F1149C4872DFD068A312FC
OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO-SPEC.pdf	6F90219C40F8FF0F765690FDFBFBBCF3806EA348222093473B 11FC4D355F96EED5320EA3D1775D90DFF13072FEE3F1FCDE D0F2E9437759B18961A4A2E6126509
OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO-CLM.pdf	0C928139623BF9EAEF4C089F126363992F584D0834F68E20DC 433406B69EC7350C8FAFD6F38D77A65B3D0F7F3FD4A68BB50 3A81FAE18152942771E3D91B37D63
OPTIMIZED COOLANT CIRCULATION SYSTEM FOR NANO-ABST.pdf	C352B6E8DA141863F0CA384FC058819BB15AC8953A68B4140 8F055B185509CEF00DAA066756CCD9B99E937B3FCBE0F7B7 D9AEFBFB5E8A2ACC01C71759593887

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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.