

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT8370337

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
SUPERCONDUCTING SYSTEMS, INC.	12/19/2023
RECEIVING PARTY DATA	
Name:	ALERUS FINANCIAL, NATIONAL ASSOCIATION
Street Address:	11100 WAYZATA BOULEVARD
Internal Address:	SUITE 570
City:	MINNETONKA
State/Country:	MINNESOTA
Postal Code:	55305
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	11009572
Patent Number:	10107543
Patent Number:	10006579
Patent Number:	10109407
Patent Number:	9714992
Patent Number:	9638774
Patent Number:	9190197
Patent Number:	8275429
CORRESPONDENCE DATA	
Fax Number:	(612)359-7602
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	087848003SSIPATENTS
NAME OF SUBMITTER:	FREDERICK H. LADNER

PATENT

SIGNATURE:	/FREDERICK H. LADNER/
DATE SIGNED:	01/09/2024
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5 source=SUPERCONDUCTING SYSTEMS INC. NOTICE OF SECURITY INTEREST PATENTS#page1.tif source=SUPERCONDUCTING SYSTEMS INC. NOTICE OF SECURITY INTEREST PATENTS#page2.tif source=SUPERCONDUCTING SYSTEMS INC. NOTICE OF SECURITY INTEREST PATENTS#page3.tif source=SUPERCONDUCTING SYSTEMS INC. NOTICE OF SECURITY INTEREST PATENTS#page4.tif source=SUPERCONDUCTING SYSTEMS INC. NOTICE OF SECURITY INTEREST PATENTS#page5.tif	

NOTICE OF GRANT OF SECURITY INTEREST IN U.S. PATENTS

Date: December 19, 2023

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of December 19, 2023 (as amended, modified, extended, restated, renewed, replaced, or supplemented from time to time, the "Agreement") by and among **SUPERCONDUCTING SYSTEMS, INC.**, a Massachusetts corporation, ("Grantor Party"), certain of its affiliates, and **ALERUS FINANCIAL, NATIONAL ASSOCIATION**, a national banking association (the "Secured Party"), the undersigned Grantor has granted a continuing security interest in and continuing lien upon its right, title, and interest in the patents and patent applications shown on Exhibit A attached hereto to the Secured Party.

The undersigned Grantor and the Secured Party, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (a) may only be terminated in accordance with the terms of the Agreement and (b) is not to be construed as an assignment of any patent or patent application.

[signature pages follow]

Acknowledged and Agreed as of the date first set forth above:

SUPERCONDUCTING SYSTEMS, INC., a
Massachusetts corporation

By:  _____
DocuSigned by:
Marc Buntaine
93C57B4117251E8

Name: Marc Buntaine

Its: Authorized Signatory

[NOTICE OF SECURITY INTEREST SIGNATURE PAGE]

Acknowledged and Agreed as of the date first set forth above:

ALERUS FINANCIAL, NATIONAL ASSOCIATION, a national banking association,
as Secured Party

By: *Eric Gundersen*
Name: Eric P. Gundersen
Title: Senior Vice President

[NOTICE OF SECURITY INTEREST SIGNATURE PAGE]

EXHIBIT A
PART I: ISSUED U.S. PATENTS

Patent Description	Patent No.
Integrated single-sourced cooling of superconducting magnets and RF coils in nuclear magnetic resonance devices	11009572
Cryogenic thermal storage	10107543
Flexible quick-connect heat transfer coupling for cryocoolers	10006579
Structural support for conduction-cooled superconducting magnets	10109407
Versatile superconducting magnet for extremities magnetic resonance imaging	9714992
Discharge controlled superconducting magnet	9638774
Superconducting magnet operating in occasional idling mode	9190197
High Magnetic Field Gradient Strength Superconducting Coil System	8275429

PART II: PENDING U.S. PATENT APPLICATIONS

Description	Application No.	Filing Date