

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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Assignment ID: PATI271681

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	11/01/2022

CONVEYING PARTY DATA

Name	Execution Date
Hitachi Metals, Ltd.	04/15/2024

RECEIVING PARTY DATA

Company Name:	Hitachi, Ltd.
Street Address:	6-6, Marunouchi 1-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-0005

PROPERTY NUMBERS Total: 47

Property Type	Number
Application Number:	10490421
Application Number:	10497058
Application Number:	10511598
Application Number:	10553968
Application Number:	10567502
Application Number:	10597853
Application Number:	11575928
Application Number:	11578404
Application Number:	11659849
Application Number:	12095617
Application Number:	12145595
Application Number:	12295372
Application Number:	12560863
Application Number:	12562336
Application Number:	12595293
Application Number:	12599145
Application Number:	12636341
Application Number:	12666245

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Property Type	Number
Application Number:	12680312
Application Number:	12935318
Application Number:	12990341
Application Number:	12996828
Application Number:	13002571
Application Number:	13056387
Application Number:	13143566
Application Number:	13387825
Application Number:	13807111
Application Number:	13976254
Application Number:	13980944
Application Number:	13984943
Application Number:	14089543
Application Number:	14125715
Application Number:	14234750
Application Number:	14346058
Application Number:	14348099
Application Number:	14370666
Application Number:	14422796
Application Number:	14607016
Application Number:	14654906
Application Number:	14763340
Application Number:	14771327
Application Number:	14771330
Application Number:	14893611
Application Number:	15128137
Application Number:	15129101
Application Number:	15754700
Application Number:	16020650

CORRESPONDENCE DATA

Fax Number: 7166260366

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.

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Correspondent Name: Ellen S Simpson

Address Line 1: Colson Law Group

Address Line 2: 5555 Main Street

Address Line 4: Buffalo, NEW YORK 14221

ATTORNEY DOCKET NUMBER:	BPA0055
NAME OF SUBMITTER:	ELLEN SIMPSON
SIGNATURE:	ELLEN SIMPSON
DATE SIGNED:	06/03/2024
Total Attachments: 2 source=546_HIT_US_NuncProTunc_DoA#page1.tif source=546_HIT_US_NuncProTunc_DoA#page2.tif	

**Nunc Pro Tunc Assignment Agreement
and
Consent to Recordal
United States**

THIS DEED is made between:

Hitachi Metals, Ltd., a company organized and existing under the Laws of Japan, of 2-1, *Shibaura 1-chome, Minato-ku, Tokyo 105-8614, Japan*.

("the Assignor"); now known as **Proterial, Ltd.**
and

Hitachi, Ltd., a company duly organized and existing under the Laws of Japan, of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan

("the Assignee");

WHEREAS:

- (a) Assignor, now known as **Proterial, Ltd.** by Change of Name dated January 04, 2023, was the proprietor of the patents in **the United States** as set out in the attached schedule marked Annex A;
- (b) Assignor and Assignee have agreed that patents listed in the attached schedule "Annex A" should be transferred to the Assignee,
- (c) This Assignment is made and effective as of **November 1, 2022** by Assignor conveying rights to Assignee on that date; and

IT IS AGREED THAT:

For consideration of the sum of 1 USD receipt of which is hereby acknowledged by the Assignor, the Assignor hereby assigns, transfers and sets over unto the Assignee, its successors and assigns all rights, title and interests in **the United States** in the patents together with the goodwill of the business represented and symbolised by the patents and the Assignee accepts the said assignment.

IN WITNESS WHEREOF, the Assignor and Assignee have caused this Assignment to be executed by their authorized representatives.

Signed as a Deed in Munich on behalf of the
Assignor this 15 day of April 2024 by



Michal Molcan, Proxy-Holder of
Proterial, Ltd.

Signed as a Deed in Munich on behalf of the
Assignee this 15 day of April 2024 by



Sabina Colic, Proxy-Holder of
Hitachi, Ltd.

Annex A

Title missing	16/084047	11254998
Press and magnet manufacturing method	10/490421	7314530
Method and apparatus for producing granulated powder of rare earth alloy and method for producing rare earth alloy sintered compact	10/497058	7622010
Method for producing corrosion-resistant rare earth metal-based permanent magnet	10/511598	7335392
Method for producing rare earth based alloy powder and method for producing rare earth based sintered magnet	10/553968	7390369
R-T-B sintered magnet and rare earth alloy	10/567502	7534311
Methods for producing raw material alloy for rare earth magnet, powder and sintered magnet	10/597853	7585378
Rare earth sintered magnet and method for production thereof	11/575928	9551052
Method for imparting hydrogen resistance to articles	11/578404	7972491
Method for producing rare earth metal-based permanent magnet having copper plating film on the surface thereof	11/659849	7785460
Rare earth sintered magnet and method for producing same	12/095617	8182618
Rare earth magnet and method for producing same	12/145595	7655325
Method for producing rare earth metal-based permanent magnet	12/295372	8641832
R-T-B based sintered magnet	12/560863	7740715
R-T-B based sintered magnet	12/562336	7789933
R-T-B sintered magnet and method for producing the same	12/595293	8142573
R-Fe-B based sintered magnet having on the surface thereof vapor deposited film of aluminum or alloy thereof, and method for producing the same	12/599145	8163106
Rare earth magnet and method for producing same	12/636341	8323806
Radially anisotropic ring R-TM-B magnet, its production method, die for producing it, and rotor for brushless motor	12/666245	8937419
Method for producing surface-modified rare earth metal-based sintered magnet and surface-modified rare earth metal-based sintered magnet	12/680312	9175376
R-T-B-type sintered magnet and method for production thereof	12/935318	8317941
Rare earth metal-based permanent magnet	12/990341	9287027
R-T-Cu-Mn-B type sintered magnet	12/996828	8092619
Corrosion-resistant magnet and method for producing the same	13/002571	8641833
Corrosion-resistant magnet and method for producing the same	13/056387	9275794
Method for producing R-T-B sintered magnet	13/143566	8287661
Method and device for recovering hydrogen pulverized powder of raw-material alloy for rare-earth magnet	13/387825	8979973
Method for producing surface-modified rare earth metal-based sintered magnet	13/807111	9558885
Arcuate magnet having polar-anisotropic orientation, and method and molding die for producing it	13/976254	9646751
Producing method of R-T-B-based sintered magnet	13/980944	10056188
Production method for R—Fe—B based sintered magnet having plating film on surface thereof	13/984943	9267217
Corrosion-resistant magnet and method for producing the same	14/089543	9275795
Method for producing R-Fe-B based permanent magnet alloy recycled material having removed carbon	14/125715	9657367
Method for recovering rare earth element	14/234750	9322082
Method for removing rare earth impurities from nickel-electroplating solution	14/346058	9695524
Recycle method and recycle apparatus for powder for rare earth sintered magnet	14/348099	9463509
Method for separating and recovering rare-earth elements	14/370666	9376736
Method and system for separating rare earth elements	14/422796	9435009
Method and device for recovering hydrogen pulverized powder of raw-material alloy for rare-earth magnet	14/607016	9643253
Method for recovering rare earth element	14/654906	10081040
Method for recovering heavy rare earth element	14/763340	10233516
Method for removing rare earth impurities from nickel-electroplating solution	14/771327	9873953
Method for removing rare earth impurities from nickel-electroplating solution	14/771330	9771664
Method for recovering rare earth element	14/893611	10023938
R-T-B-based alloy powder and method for producing same, and R-T-B-based sintered magnet and method for producing same	15/128137	10020100
Method for recovering rare earth element	15/129101	10316393
title	15/754700	10865463
title	16/020650	10770224

PATENT

RECORDED: 06/03/2024

REEL: 067605 FRAME: 0825