506983018 11/17/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7029857

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROAKI FUKUSHIMA	11/12/2021
YUICHI HIRAKAWA	11/12/2021
HIROAKI YOSHIDA	11/12/2021
MASAHIKO YAMASHITA	11/12/2021
TAKEO TOKUMOTO	11/12/2021

RECEIVING PARTY DATA

Name:	MITSUBISHI POWER, LTD.
Street Address:	3-1, MINATOMIRAI 3-CHOME, NISHI-KU, YOKOHAMA-SHI
City:	KANAGAWA
State/Country:	JAPAN
Postal Code:	220-8401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17612070

CORRESPONDENCE DATA

Fax Number: (202)721-8250

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.

Phone: 2027218200

Email: wlp@wenderoth.com

Correspondent Name: WENDEROTH, LIND & PONACK, L.L.P.
Address Line 1: 1025 CONNECTICUT AVENUE NW

Address Line 2: SUITE 500

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	2021-2450A
NAME OF SUBMITTER:	JANAE GALLUN
SIGNATURE:	/Janae Gallun/
DATE SIGNED:	11/17/2021

Total Attachments: 6

PATENT REEL: 058141 FRAME: 0644

506983018



Wenderoth, Lind & Ponack, LLP	
Attorney Docket No.:	

	COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION
Title of Invention	METHOD FOR EVALUATING CRACK IN METAL MEMBER AND METHOD FOR EVALUATING FATIGUE DAMAGE IN METAL MEMBER
	DECLARATION
As a below nar	med inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	Winted States application or PCT international application Number PCT/JP2020/025995 filed on July 2, 2020.
The above-ide	ntified application was made or authorized to be made by me.
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.
	wheledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 risonment of not more than five (5) years, or both.
unless that per	or: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application son has reviewed and understands the contents of the application, including the claims, and is aware disclose to the Office all information known to the person to be material to patentability as defined in
3 272 27	ASSIGNMENT
In consideration assign to	on of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell and
<u>Mitsubishi Po</u> (Name of A	
of 3-1, Minat (Address of	omirai 3-Chome, Nishi-ku, Yokohama-shi, Kanagawa 220-8401 Japan Assignee)
	signated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC vention set forth in the above-identified application.
and any contin	oute all papers necessary in connection with this application for patent in the USPTO for the invention, uation, divisional or reissue applications thereof and also to execute separate assignments in connection ications as the Assignee may deem necessary or expedient.
with this appli	cute all papers necessary in connection with any post-grant proceeding which may occur in connection cation or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way aiming evidence and going forward with such post-grant proceeding.
I agree to exec	ute all papers and documents and perform any act which may be necessary in connection with claims or

provisions of the International Convention for Protection of Industrial Prop	erty or similar agreements.	
I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.		
I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.		
First Inventor (Legal Name): <u>Hiroaki FUKUSHIMA</u>		
Signature: Hiroalei Fudenchina	Date: November 12, 2021	
Second Inventor (Legal Name): Yuichi HIRAKAWA		
Signature: Yuichi Kirakawa	Date: November 12, 2021	
Third Inventor (Legal Name): <u>Hiroaki YOSHIDA</u>		
Signature:	Date:	
Fourth Inventor (Legal Name): Masahiko YAMASHITA		
Signature:	Date:	
Fifth Inventor (Legal Name): <u>Takeo TOKUMOTO</u>		
Signature:	Date:	
Sixth Inventor (Legal Name):		
Signature:	Date:	
Seventh Inventor (Legal Name):		
Signature:	Date:	
Eighth Inventor (Legal Name):		
Signature:	Date:	

Wenderoth, Lind & Ponack,	LLP
Attorney Docket No.:	

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3	ASSIGNMENT
In consideration	on of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell and
Mitsubishi Po (Name of A	
	tomirai 3-Chome, Nishi-ku, Yokohama-shi, Kanagawa 220-8401 Japan f Assignee)
	esignated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC invention set forth in the above-identified application.
and any contin	cute all papers necessary in connection with this application for patent in the USPTO for the invention, nuation, divisional or reissue applications thereof and also to execute separate assignments in connection lications as the Assignee may deem necessary or expedient.
with this appl	cute all papers necessary in connection with any post-grant proceeding which may occur in connection ication or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way taining evidence and going forward with such post-grant proceeding.
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I hereby authorize and request the USPTO to issue any and all Letters Patents of the United States resulting from the application or any continuation, divisional or reissue applications thereof to the Assignee, as Assignee of my entire interest, and covenant that I have not executed, and will not execute, any agreement in conflict herewith.		
First Inventor (Legal Name): <u>Hiroaki FUKUSHIMA</u>		
Signature:	Date:	
Second Inventor (Legal Name): Yuichi HIRAKAWA		
Signature:	Date:	
Third Inventor (Legal Name): Hiroaki YOSHIDA		
Signature: 7 Sirvaki Zvshida	November 12, 2021 Date:	
Fourth Inventor (Legal Name): Masahiko YAMASHITA		
Signature: Mashika Jomashita	Date: _November 12, 2021	
Fifth Inventor (Legal Name): <u>Takeo TOKUMOTO</u>		
Signature:	Date:	
Sixth Inventor (Legal Name):		
Signature:	Date:	
Seventh Inventor (Legal Name):		
Signature:	Date:	
Eighth Inventor (Legal Name):		
Signature:	Date:	

Wenderoth, Lind & Ponack, LLP	
Attorney Docket No.:	

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FOR UTILITY OR DESIGN APPLICATION		
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The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."		
ASSIGNMENT		
In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid, I hereby sell and assign to		
Mitsubishi Power, Ltd. (Name of Assignee)		
of <u>3-1, Minatomirai 3-Chome, Nishi-ku, Yokohama-shi, Kanagawa 220-8401 Japan</u> (Address of Assignee)		
(hereinafter designated as the Assignee) my entire right, title and interest for the United States as defined in 35 USC 100, for any invention set forth in the above-identified application.		
I agree to execute all papers necessary in connection with this application for patent in the USPTO for the invention, and any continuation, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.		
I agree to execute all papers necessary in connection with any post-grant proceeding which may occur in connection with this application or continuation, divisional or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such post-grant proceeding.		
I agree to execute all papers and documents and perform any act which may be necessary in connection with claims or		

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I agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.			
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First Inventor (Legal Name): <u>Hiroaki FUKUSHIMA</u>			
Signature:	Date:		
Second Inventor (Legal Name): Yuichi HIRAKAWA			
Signature:	Date:		
Third Inventor (Legal Name): <u>Hiroaki YOSHIDA</u>	•		
Signature:	Date:		
Fourth Inventor (Legal Name): Masahiko YAMASHITA			
Signature:			
Fifth Inventor (Legal Name): <u>Takeo TOKUMOTO</u>			
Signature: Jakeo Johnsto	Date: November 12, 2021		
Sixth Inventor (Legal Name):			
Signature:	Date:		
Seventh Inventor (Legal Name):			
Signature:	Date:		
Eighth Inventor (Legal Name):			
Signature:	Date:		