504162900 01/04/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASAHIKO MIYAUCHI	11/15/2016
YUICHI ISHIDA	11/15/2016
TOSHIO OGASAWARA	11/15/2016
RIKIO YOKOTA	11/15/2016

RECEIVING PARTY DATA

Name:	KANEKA CORPORATION
Street Address:	2-3-18, NAKANOSHIMA, KITA-KU, OSAKA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	530-8288
Name:	JAPAN AEROSPACE EXPLORATION AGENCY
Street Address:	7-44-1, JINDAIJIHIGASHIMACHI, CHOFU-SHI
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1828522

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15310292

CORRESPONDENCE DATA

Fax Number: (908)654-7866

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: (908) 654-5000

Email: assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

600 SOUTH AVENUE WEST Address Line 1:

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ATTORNEY DOCKET NUMBER: KANEKA 3.3F-009 MELINDA C. CORMIER NAME OF SUBMITTER:

PATENT REEL: 040840 FRAME: 0855 504162900

SIGNATURE:	/Melinda C. Cormier/	
DATE SIGNED:	01/04/2017	
Total Attachments: 4		
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PATENT REEL: 040840 FRAME: 0856

International Application Number PCT/JP2015/081968, and

Docket Number (Optional)

KANEKA 3,3F-009

WHEREAS, I, Masahiko Miyauchi of o/o Kanaka Corporation, 5-1-1, Torikainishi, Settsu-shi, Osaka 5660072 Japan, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Varnish including 2-phenyl-4,4'-diaminodiphenyl ether, imide resin composition having excellent moldability, cured resin molded article having excellent breaking elongation, prepreg thereof imide prepreg thereof, and fiber-reinforced material thereof having high heat resistance and excellent mechanical strength" (hereafter "Patent Application"),

WHEREAS (if the left box is checked), the Patent Application names the following inventors: Masahiko Mivauchi, Yuichi Ishida, Toshio Ogosawara, and Rikio Yokota (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentiik, LLP, to insert in here in brackets [Application No. 15/310,292] _, filed on _November 10, 2016 I the application number and filing date of the application when known), and

WHEREAS (if the left box is checked), the International Application was filed on April 20, 2015, as

WHEREAS, Kanaka Corporation, incorporated or otherwise formed in Japan and having a place of business at 2:3-18. Nakanoshima, Kita-ku, Osaka-shi, Osaka 5308286 Japan and Japan Aerospace Exploration Agency, incorporated or otherwise formed in <u>Japan</u> and having a place of business at 7:44-1. <u>Jindawhinashimachi</u>, Chofu-shi, Tokyo 1828522 Japan (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same:

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assigned the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

Moselwho 'My November 15, 2016 Masahiko MIYAUCHI (Date) Signature of Witness Natsuki Doi Printed Name of Witness

> PATENT REEL: 040840 FRAME: 0857

(Signature)

Docket Number (Optional)

KANEKA 3.3F-009

WHEREAS, I. <u>Toshio Grasawara</u> of eto Japan Aerospace Exploration Agency, 7-44-1. Jindalijihigashimachi, <u>Chofu-shi, Tokyo 1828522 Japan</u> have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Varnish including 2-phenyl-4,4"-diaminodiphenyl ether, imide resin composition having excellent moldability, cured resin molded article having excellent breaking elongation, prepreg thereof, imide prepreg thereof, and fiber-reinforced material thereof having high heat resistance and excellent mechanical strength" (hereafter "Patent Application").

International Application Number PCT/JP2015/081936, and

WHEREAS (if the left box is checked), the Patent Application names the following inventors:

Whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 15/319.283 , filed on November 10, 2016.] the application number and filing date of the application when known), and

WHEREAS (if the left box is checked), the International Application was filed on April 20, 2015, as

WHEREAS, Kanaka Contoriation, incorporated or otherwise formed in Japan and having a place of business at 2-3-18. Nakanoshims, Kita-kii, Osaka-shi, Osaka 5308386 Japan and Japan Aemspace Exploration Agency, incorporated or otherwise formed in Japan and having a place of business at 7-44-1, findelightgashimachi, Chofu-shi, Tokyo 1828522 Japan (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further havein, the entire right, title and interest in same:

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Assigned Applications including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision here is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting t

November 15, 2016

(Date)

Toshio DGASAWARA

Signature of Witness

Natsuki Doi

Printed Name of Witness

REEL: 040840 FRAME: 0858

Docket Number (Optional)

KANEKA 3.3F-009

WHEREAS, I. Rikio Yokota of c/o Japan Aerospace Exploration Agency. 3-1-1. Yoshinossi, Chilo-ku. Sagamihara-shi. Kanagawa 2525210, Japan, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Varnish including 2-phenyl-4,4"-diaminodiphenyl ether, imide resin composition having excellent moldability, cured resin molded article having excellent breaking elongation, prepreg thereof, imide prepreg thereof, and fiber-reinforced material thereof having high heat resistance and excellent mechanical strength" (hereafter "Patent Application"),

International Application Number <u>PCT/JP2G15/081958</u>, and

X WHEREAS (if the left box is checked), the Patent Application names the following inventors:

Masaniko Miyauchi, Yukshi Ishida, Toshio Orasawara, and Rikio Yokota (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets (Application No. 18/310.292 filed on November 10, 2016.) the application number and filing date of the application when known), and

WHEREAS (if the left box is checked), the International Application was filed on April 20, 2015, as

WHEREAS, Kaneka Comporation, incorporated or otherwise formed in <u>Japan</u> and having a place of business at 2-3-18. Nakadoshima, Kita-ku, Csake-shi, Osaka 5308288 Japan and Japan Aerospace Exploration Agency, incorporated or otherwise formed in <u>Japan</u> and having a place of business at 7-44-1, <u>Jindaiiihigashimachi, Chofu-shi, Tokyo 1826522 Japan</u> (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision fierein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

November 15, 2016

(Date)

Rikio YOKOTA

Signature of Witness

Natsuki Doi

Printed Name of Witness

PATENT

REEL: 040840 FRAME: 0859

International Application Number PCT/JP2015/061988, and

Docket Number (Optional)

KANEKA 3,3F-009

WHEREAS, I, Yulchi Ishida of cio Janan Aerospace Exploration Agency, 7-36.1. Jindaijihinashimachi, Chofu-shi, Tokvo 1628522 Janan, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Varnish including 2-phenyl-4,4"-diaminodiphenyl ether, imide resin composition having excellent moldability, cured resin molded article having excellent breaking elongation, prepreg thereof, imide prepreg thereof, and fiber-reinforced material thereof having high heat resistance and excellent mechanical strength" (hereafter "Patent Application"),

WHEREAS (if the left box is checked), the Paterit Application names the following inventors:
 Masabiko Mirauchi: Yuishi Ishida Toshio Ogasawara and Rikio Yokota (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 15/310.292 filed on November 19, 2016] the application number and filing date of the application when known), and

WHEREAS (if the left box is checked), the International Application was filed on April 20, 2015, as

WHEREAS, Kaneka Compration, incorporated or otherwise formed in <u>Japan</u> and having a place of business at 2.3-16. Nakanoshima, Kita-ku, Osaka-shi, Osaka 5308289 Japan and Japan Aerosnaca Exploration Agency, incorporated or otherwise formed in <u>Japan</u> and having a place of business at 7-44-1. Jindaniihinaahimachi, Chofu shi, Tokyo 1828522 <u>Japan</u> (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation. such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications, Assignee may assign or transfer all or part of its rights set forth herain in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof, if any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

November 15, 2016

(Date)

Yuichi ISHIDA (Signature)

Signature of Witness

Natsuki Doi

RECORDED: 01/04/2017

Printed Name of Witness

PATENT

REEL: 040840 FRAME: 0860