

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4549776

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNICHI TAKEYA	07/20/2017
SEIICHIRO YAMAGUCHI	07/20/2017
MASATAKA ITOH	07/21/2017
RECEIVING PARTY DATA	
Name:	PI-CRYSTAL INCORPORATION
Street Address:	SHIN-OSAKA-NISIURABIRU 4F
Internal Address:	2-7-38, NISHIMIYAHARA, YODOGAWA-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	532-0004
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15676472
CORRESPONDENCE DATA	
Fax Number:	(612)455-3801
<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>	
Phone:	612-455-3800
Email:	pkerkhove@hsml.com
Correspondent Name:	HAMRE, SCHUMANN, MUELLER & LARSON, P.C.
Address Line 1:	45 SOUTH SEVENTH STREET
Address Line 2:	SUITE 2700
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-1683
ATTORNEY DOCKET NUMBER:	10873.2680USW1
NAME OF SUBMITTER:	DOUGLAS P. MUELLER
SIGNATURE:	/dpmueller/
DATE SIGNED:	08/15/2017
Total Attachments: 2	
source=Assignment_2680#page1.tif	
source=Assignment_2680#page2.tif	

Docket No.

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

1. Junichi TAKEYA residing at c/o PI-CRYSTAL INCORPORATION, Shin-osaka-nisiurabiru 4F, 2-7-38, Nishimiyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0004 Japan and a citizen of Japan
2. Seiichiro YAMAGUCHI residing at c/o PI-CRYSTAL INCORPORATION, Shin-osaka-nisiurabiru 4F, 2-7-38, Nishimiyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0004 Japan and a citizen of Japan
3. Masataka ITOH residing at c/o PI-CRYSTAL INCORPORATION, Shin-osaka-nisiurabiru 4F, 2-7-38, Nishimiyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0004 Japan and a citizen of Japan

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on _____, entitled METHOD FOR FORMING LAMINATED CIRCUIT BOARD, AND LAMINATED CIRCUIT BOARD FORMED USING SAME, and which has been given application serial number _____ ;

and

WHEREAS PI-CRYSTAL INCORPORATION (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at Shin-osaka-nisiurabiru 4F, 2-7-38, Nishimiyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0004 Japan wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign, and transfer to the ASSIGNEE, its successors, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent for said invention to the ASSIGNEE of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to the

UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns, the entire right, title and interest in and to the said invention, patent applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by the UNDERSIGNED.

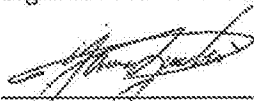
IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.



Signature : Junichi TAKEYA

20 July, 2017

Date



Signature : Seichiro YAMAGUCHI

20 July 2017

Date



Signature : Masataka ITOH

21 July 2017

Date