

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Bernhard Dollgast	03/16/2008
Masahiro Inagaki	05/07/2008
Harald Johannes Kastl	03/17/2008
Atsushi Ochi	04/14/2008
Takami Sakamoto	05/07/2008
Carsten Schuh	03/10/2008

## RECEIVING PARTY DATA

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State/Country:	GERMANY
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## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12031385

## CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

071308.0921

PATENT

REEL: 021069 FRAME: 0979

500561938

CH \$40.00 12031385

NAME OF SUBMITTER:

Alfonso E. Juarez

Total Attachments: 6

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**PATENT**

**REEL: 021069 FRAME: 0980**

ATTORNEY DOCKET NO.  
071308.0921  
(2006P21165US)

PATENT APPLICATION  
12/031,385

### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the below signed inventors of record, hereby assign to:

**SIEMENS AKTIENGESELLSCHAFT**  
**WITTELSBACHERPLATZ 2**  
**80333 MÜNCHEN GERMANY**

AND

**KYOCERA CORPORATION**  
**6, TAKEDA TOBADONO-CHO, FUSHIMI-KU**  
**6128501 KYOTO-SHI, KYOTO, JAPAN**

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, interest and right to sue throughout the world in the inventions and improvements which are the subject of an application for United States Patent, entitled:

### **"PIEZOCERAMIC MULTILAYER ACTUATOR AND METHOD OF MANUFACTURING A PIEZOCERAMIC MULTILAYER ACTUATOR"**

this assignment including said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS THEREOF, I hereby set my hand, date of signature and place of signature as indicated below.

Full name of joint inventor  
Citizenship  
Post Office Address

**BERNHARD DOLLGAST**  
**German**  
**Flurweg 51**  
**8530 Deutschlandsberg - Austria**

*Dollgast*  
Signature of Joint Inventor  
*Schreiner*  
1st Witness  
*Schreiner*  
Printed Name  
*16.3.2008*  
Date

*16.3.08*  
Date of Signature  
*GLAZUNOV*  
2nd Witness  
*GLAZUNOV*  
Printed Name  
*17.03.2008*  
Date

ATTORNEY DOCKET NO.  
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PATENT APPLICATION  
12/031,385

**TITLE: PIEZOCERAMIC MULTILAYER ACTUATOR AND METHOD OF MANUFACTURING A  
PIEZOCERAMIC MULTILAYER ACTUATOR**

Full name of joint inventor  
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Post Office Address

**MASAHIRO INAGAKI**  
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Signature of Joint Inventor

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1st Witness

*Masahiro Sato*

Printed Name

Masahiro Sato

Date

May 7, 2008

Date of Signature

*May 7, 2008*

2nd Witness

*Shigenobu Nakamura*

Printed Name

Shigenobu Nakamura

Date

May 7, 2008

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PIEZOCERAMIC MULTILAYER ACTUATOR**

Full name of joint inventor  
Citizenship  
Post Office Address

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Harald J. Kastl  
Signature of Joint Inventor

17.03.08  
Date of Signature

Thomas Richter  
1st Witness

Tim B.  
2nd Witness

Thomas Richter  
Printed Name

Tim BOHLMANN  
Printed Name

17.03.2008  
Date

17.03.2008  
Date

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Full name of joint inventor  
Citizenship  
Post Office Address

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4/14/08  
Date of Signature

Ayako Hida Ka  
1st Witness

AYAKO HIDA KA  
Printed Name

2008-4-25  
Date

Akihiro Asano  
2nd Witness

AKIHIRO ASANO  
Printed Name

2008-4-25  
Date


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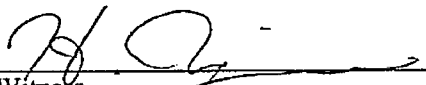
**TITLE: PIEZOCERAMIC MULTILAYER ACTUATOR AND METHOD OF MANUFACTURING A  
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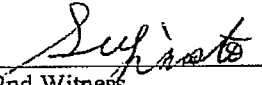
**TAKAMI SAKAMOTO**  
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Signature of Joint Inventor

May 7th 2008  
\_\_\_\_\_  
Date of Signature

  
\_\_\_\_\_  
1st Witness  
Haruo Namaizawa  
\_\_\_\_\_  
Printed Name

May 7, 2008  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
2nd Witness  
Sachiko Sugimoto  
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Printed Name

May 7th 2008  
\_\_\_\_\_  
Date

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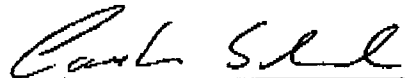
PATENT APPLICATION  
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PIEZOCERAMIC MULTILAYER ACTUATOR**

Full name of joint inventor  
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Signature of Joint Inventor

10.03.2008

Date of Signature



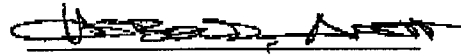
1st Witness

THORSTEN STEINKOPFF

Printed Name

10.03.2008

Date



2nd Witness

ANETT HEBOLD

Printed Name

10.03.2008

Date