

PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
Kazuhiko SUGIYAMA	2004-10-06
Keiko HADA	2004-10-06
Eiji IDETA	2004-08-27
Nobukazu IKEDA	2004-08-27
Naofumi YASUMOTO	2004-08-27
Michio YAMAJI	2004-08-27

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
Tokyo Electron Limited	3-6, Akasaka 5-chome, Minato-ku,		Tokyo	JAPAN	107-8481
Fujikin Incorporated	3-2, Itachibori 2-chome, Nishi-ku,		Osaka-shi, Osaka	JAPAN	550-0012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	10506671

CORRESPONDENCE DATA

FAX NUMBER: 2028870357

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 023850

NAME OF PERSON SIGNING:

Mel R. Quintos

DATE SIGNED:

2005-04-07

Total Attachments: 2

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PATENT

800017556

REEL: 015872 FRAME: 0694

CH \$40.00 012340 10506671

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

(1) Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 Japan and

(2) Fujikin Incorporated, 3-2, Itachibori 2-chome, Nishi-ku, Osaka-shi, Osaka 550-0012 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of Invention)

PIPE JOINT

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

September 16, 2004

* filed on _____, Serial No. _____.

10/506,671

(Armstrong, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Kazuhiko Sugiyama
(Signature)

Kazuhiko SUGIYAMA

(Type Name)

Oct. 6, 2004

(Date)

Keiko Hada
(Signature)

Keiko HADA

(Type Name)

Oct. 6, 2004

(Date)

(Signature)

Eiji IDETA

(Type Name)

(Date)

(Signature)

Nobukazu IKEDA

(Type Name)

(Date)

(Signature)

Naofumi YASUMOTO

(Type Name)

(Date)

(Signature)

Michio YAMAJI

(Type Name)

(Date)

NO LEGALIZATION REQUIRED

Re. 01/04

PATENT
REEL: 015872 FRAME: 0695

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

_____ (Signature)	Kazuhiko SUGIYAMA (Type Name)	_____ (Date)
_____ (Signature)	Keiko HADA (Type Name)	_____ (Date)
<i>Eiji Idetaka</i> (Signature)	Eiji IDETA (Type Name)	August 27, 2004 (Date)
<i>Nobukazu Ikeda</i> (Signature)	Nobukazu IKEDA (Type Name)	August 27, 2004 (Date)
<i>Naofumi Yasumoto</i> (Signature)	Naofumi YASUMOTO (Type Name)	August 27, 2004 (Date)
<i>Michio Yamaji</i> (Signature)	Michio YAMAJI (Type Name)	August 27, 2004 (Date)

NO LEGALIZATION REQUIRED

Re. 01/04

PATENT

RECORDED: 04/07/2005

REEL: 015872 FRAME: 0696