

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bunji Mizuno	07/28/2005
Yuichiro Sasaki	07/28/2005
Ichiro Nakayama	07/28/2005
Hisataka Kanada	07/28/2005
RECEIVING PARTY DATA	
Name:	Matsushita Electric Industrial Co., Ltd.
Street Address:	1006, Oaza Kadoma, Kadoma-shi,
City:	Osaka
State/Country:	JAPAN
Postal Code:	571-8501
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10546015
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Total Attachments: 2 source=Assignment 10_546,015(P33472-03 Ratner MAT-8737US)#page1.tif source=Assignment 10_546,015(P33472-03 Ratner MAT-8737US)#page2.tif	

CH \$40.00 10546015

**PATENT**

**500053289**

**REEL: 016618 FRAME: 0274**

No legalization required

**ASSIGNMENT**

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

**Inventor(s)**

ASSIGNOR(s)/  
INVENTOR(s)

- |                    |                    |
|--------------------|--------------------|
| 1. Bunji MIZUNO    | 2. Yuichiro SASAKI |
| 3. Ichiro NAKAYAMA | 4. Hisataka KANADA |

has made an invention entitled: LIQUID PHASE ETCHING METHOD AND  
LIQUID PHASE ETCHING APPARATUS

and has executed an application for Letters Patent of the United States  
concurrently herewith;

ASSIGNEE  
(Full Name  
and address)

WHEREAS, the ASSIGNEE  
Matsushita Electric Industrial Co., Ltd.

1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan

is desirous of acquiring the entire interest in and to said invention and the Letters  
Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to  
ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good  
and valuable consideration, the receipt of which is hereby acknowledged,  
ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to  
ASSIGNEE, its successors and assigns the full and exclusive right, title and  
interest in and to said invention, all applications for Letters Patent for said  
invention, including all divisions and continuations thereof, all rights to claim  
priority based thereon, and all Letters Patent, including reissues, to be obtained  
therefor, including any and all foreign patent rights in this invention  
corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or  
encumbrance has been or will be made or entered into which would conflict with  
this Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the  
ASSIGNEE or its successors or assigns or a legal representative thereof, to supply  
all information and evidence of which the ASSIGNOR has knowledge or

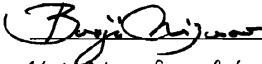
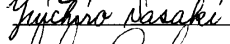
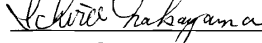
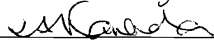
all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

	(Typed or Printed Name)	(Signature)	(Date)
SIGNATURE	1. Bunji MIZUNO		July 28, 2005
	2. Yuichiro SASAKI		July 28, 2005
	3. Ichiro NAKAYAMA		July 28, 2005
	4. Hisataka KANADA		July 28, 2005

International Application No. PCT/JP2004/002073 Filed: February 23, 2004

Application for United States Letters Patent

Serial No. 10/546,015 Filed \_\_\_\_\_

Attorney Docket No. MAT-8737US