

09-02-2004



8/30/04

ASSIGNMENT

102828532

HEET

-PATENTS ONLY-

Commissioner of Patents:

Please record the attached document.

1. Name of conveying parties:

a) **Gen Hashiguchi**  
b) **Yutaka Mihara**  
c) **Takeo Fukino**

d) **Takafumi Hara**  
e) **Hiroyuki Fujita**



2. Name and address of receiving parties:

a) Name: **Techno Network Shikoku Co., Ltd.**  
**2-5 Marunouchi, Takamatsu**  
**Kagawa 760-0033, Japan**

Address: **AOI Electronics Co., Ltd.**  
**455-1 Kohzai Minamimachi,**  
**Takamatsu, Kagawa 761-8014, Japan**

3. Nature of conveyance: Assignment

Execution Date: **July 28, 2004 for Takafumi Hara**  
**July 29, 2004 for Gen Hashiguchi, Yutaka Mihara, and Hiroyuki Fujita**  
**July 30, 2004 for Takeo Fukino**

4. Application Number or Patent Number: 10/834,564

The title of the application is: **NANO-GRIPPER AND METHOD OF PRODUCING SAME**

5. Please send all correspondence concerning this document to:

**Beyer Weaver & Thomas, LLP**  
**P.O. Box 778**  
**Berkeley, CA 94704-0778**

**Ph: (510) 843-6200**  
**Fax: (510) 843-6203**

**Customer Number: 022434**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00



Enclosed.



Any additional fees are authorized to be charged to Deposit Account No. 500388  
(Order No. YMUCP003).

Date: August 27, 2004

09/01/2004 DBYRME 00000086 10834564

01 FC:0021

40.00 00

Attorney Docket No. YMUCP003

Kenichi Nishimura  
Registration No. 29,093

(Revised 9/03)

**PATENT**  
**REEL: 015741 FRAME: 0862**

## ASSIGNMENT

WHEREAS, Gen Hashiguchi, Yutaka Mihara and Takeo Fukino of Kagawa, Takafumi Hara of Okayama, and Hiroyuki Fujita of Tokyo, all of Japan, hereinafter referred to as "Assignors," have invented certain new and useful improvements as described and set forth in an application for Letters Patent of the United States entitled NANOGRIPPER AND METHOD OF PRODUCING SAME; and have executed an application for a United States patent disclosing and identifying the invention on the 28th day of April, 2004, and having Serial Number 10/834,564 and filing date of April 28, 2004; and

WHEREAS, TECHNO NETWORK SHIKOKU CO., LTD., a corporation of Japan, having a place of business at 2-5 Marunouchi, Takamatsu, Kagawa 760-0033, Japan and AOI ELECTRONICS CO., LTD., a corporation of Japan having a place of business at 455-1 Kohzai Minamimachi, Takamatsu, Kagawa 761-8014, Japan, hereinafter referred to as "Assignees," desire to acquire the entire right, title and interest in and to said application, said invention, said improvements and all Letters Patent which may be granted thereon in the United States or any foreign country;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged by Assignors,

1. Assignors hereby sell, assign, transfer and convey to Assignees the entire worldwide right, title and interest in and to said application, said invention and said improvements, and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign country, including any divisions, substitutions, continuations in whole or in part, conversions, reissues, additions or extensions thereof, said interest to be held and enjoyed by Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made.

2. Assignors hereby warrant, covenant and represent that they have not heretofore granted any license, right or privilege with respect to said application, invention or

improvements, or in any other way encumbered the same, and that they have the full right to make this Assignment.

3. Assignors further agree that at the request and expense of Assignees, but without charge to said Assignees, they will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications or said Letters Patent, in said Assignees, and will execute all oaths and other papers, within the truth, that are necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said invention or improvements which are deemed necessary or desirable by Assignees, for reissuance or reexamination of said Letters Patent, or for the filing in foreign countries of applications for Letters Patent covering said invention or improvements.

4. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignors, their heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, we have executed and delivered to Assignees this instrument this

- (1) 29 day of July, 2004,  
(2) \_\_\_ day of \_\_\_\_\_, 2004  
(3) \_\_\_ day of \_\_\_\_\_, 2004  
(4) \_\_\_ day of \_\_\_\_\_, 2004  
(5) \_\_\_ day of \_\_\_\_\_, 2004, respectively.

(1) Gen Hashiguchi (Inventor)  
(2) Yutaka Mihara (Inventor)  
(3) Takeo Fukino (Inventor)

(4) \_\_\_\_\_  
Takafumi Hara (Inventor)

(5) \_\_\_\_\_  
Hiroyuki Fujita (Inventor)

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- (3) \_\_\_ day of \_\_\_\_\_, 2004
- (4) \_\_\_ day of \_\_\_\_\_, 2004
- (5) \_\_\_ day of \_\_\_\_\_, 2004, respectively.

(1) \_\_\_\_\_  
Gen Hashiguchi (Inventor)

(2) Yutaka Mihara  
Yutaka Mihara (Inventor)

(3) \_\_\_\_\_  
Takeo Fukino (Inventor)

(4) Takafumi Hara (Inventor)

(5) Hiroyuki Fujita (Inventor)

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- (1) \_\_\_ day of \_\_\_\_\_, 2004,
- (2) \_\_\_ day of \_\_\_\_\_, 2004
- (3) 30 day of July, 2004
- (4) \_\_\_ day of \_\_\_\_\_, 2004
- (5) \_\_\_ day of \_\_\_\_\_, 2004, respectively.

(1) \_\_\_\_\_  
Gen Hashiguchi (Inventor)

(2) \_\_\_\_\_  
Yutaka Mihara (Inventor)

(3) 吹野 孝生  
Takeo Fukino (Inventor)

(4) \_\_\_\_\_  
Takafumi Hara (Inventor)

(5) \_\_\_\_\_  
Hiroyuki Fujita (Inventor)

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- (1) \_\_\_ day of \_\_\_\_\_, 2004,
- (2) \_\_\_ day of \_\_\_\_\_, 2004
- (3) \_\_\_ day of \_\_\_\_\_, 2004
- (4) 28 day of July, 2004
- (5) \_\_\_ day of \_\_\_\_\_, 2004, respectively.

(1) \_\_\_\_\_  
Gen Hashiguchi (Inventor)

(2) \_\_\_\_\_  
Yutaka Mihara (Inventor)

(3) \_\_\_\_\_  
Takeo Fukino (Inventor)

(4) 原 隆 史  
Takafumi Hara (Inventor)

(5) \_\_\_\_\_  
Hiroyuki Fujita (Inventor)

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- (3)\_\_\_ day of \_\_\_\_\_, 2004
- (4)\_\_\_ day of \_\_\_\_\_, 2004
- (5)29 day of July, 2004, respectively.

- (1) \_\_\_\_\_  
Gen Hashiguchi (Inventor)
- (2) \_\_\_\_\_  
Yutaka Mihara (Inventor)
- (3) \_\_\_\_\_  
Takeo Fukino (Inventor)

(4) \_\_\_\_\_  
Takafumi Hara (Inventor)

(5) Hiroki Fujita  
Hiroyuki Fujita (Inventor)