OF 1-13-2003 EET U.S. DEPARTMENT OF COMMENC Patent and Trademant Official National Contents of the Contents o	ORM PTO-1595 (Modified) Rev. 03-01) MB No. 0651-0027 (exp.5/31/2002) 38A/REV03	-2003 EET U.S. DEPARTMENT OF COMMERCE
Table setupos → → ↑ To the Honorable Commissioner of Patents and Trademistric 1 1. Name of conveying party(les): Namichi Okamoto Noriyuk Okumiya Rys Sugimura Additional names(s) of conveying party(les): Name: President of Shizuoka University Address: A Japanese Government Agency Sa6, Oya Nature of conveyance: Sa Assignment	MB No. 0651-0027 (exp.5/31/2002) DBA/REV03	
To the Honorable Commissioner of Patents and Trademers. ne attached original documents or copy thereof. Name of conveying party(les): Namichi Okamoto Noriyuki Okamoto Noriyiki Okamoto Noriyik	11/1 2 2 11 2 2 11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 	Patent and Trademark Office
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Additional names(s) of conveying party(ies) Additional names(s) of conveying party(ies) Additional names(s) of conveying party(ies) Assignment		2. Name and address of receiving party(ies):
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Additional names(s) of conveying party(ies)	Ryo Sugimura Ol /Ol/D	Address: A Japanese Government Agency
Security Agreement	Additional names(s) of conveying party(ies) ☐ Yes ☒ No	836, Oya
City: Shizuoka-shi State/Prov.: Shizuoka Country: Japan ZIP: 422-8017 Execution Date: November 19, 2002 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: November 19, 2002 Patent Application No. Filling date B. Patent No.(s) Additional numbers B. Patent No.(s) Additional numbers B. Patent No.(s) 6. Total number of applications and patents involved: 1 Name: Scan M. McGinn, Esq. Registration No. 34.386 Address: McGinn & Gibb. PLLC 8321 Old Courthouse Road Stite 200 City: Vienna State/Prov: Virginia Country: USA ZIP: 22182-3817 Do Not Use This SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing-information is true and correct and any attached copy is a true copy of the original document. Sean M. McGinn, Esq. January 7, 2003 Name of Person Signing Signature Country: Usa January 7, 2003 January 7, 2003	3. Nature of conveyance:	
Country: Japan ZIP: 422-8017 Execution Date: November 19, 2002 Additional name(s) & address(es) Address(es)		
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Page 2

RECORDATION FORM COVER SHEET

PATENTS ONLY

Name and	address of receiving	ng party(1es):	
Name: _	ASTI Corporation	1	
Address:	626 Fukushima-c	ho	
City:	Hamamatsu-shi	State/Prov.:	Shizuoka

PATENT REEL: 013641 FRAME: 0485

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR

NAOMICHI-OKAMOTO, NORIYUKI-OKUMIYA, RYO-SUGIMURA

HAMAMATSU-SHI, SHIZUOKA, JAPAN

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and

own a certain new and useful invention entitled:

TITLE OF INVENTION:

A BIOCHIP AND A MANUFACTURING METHOD OF BIOCHIP

FULL NAME AND ADDRESS OF ASSIGNEE WHEREAS

PRESIDENT OF SHIZUOKA UNIVERSITY, A JAPANESE GOVERNMENT AGENCY, 836 OYA, SHIZUOKA-SHI, SHIZUOKA, 422-8017 JAPAN

ASTI CORPORATION 626 FUKUSHIMA-CHO, HAMAMATSU-SHI, SHIZUOKA, 430-0836 JAPAN

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

(Assignment of Application for Patent - page 1 of 2)

PATENT REEL: 013641 FRAME: 0486 continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING	IN WITNESS WHEREOF, If we have hereunto set
	hand and seal this 19 day of 11, 200 2.
	NAOMICHI-OKAMOTO
SIGNATURE	By: Varmi Ori Okamoto NORIYUKI-OKUMIYA
SIGNATURE	By: Nonyuki Rumiya RYO-SUĞIMÜRA
SIGNATURE	By: Ryo Sigimura
SIGNATURE	By:
WITNESSES	

RECORDED: 01/07/2003

(Assignment of Application for Patent - page 2 of 2)

PATENT REEL: 013641 FRAME: 0487