



To the Honorable Commissioner of Patents and Trademarks

and all documents or copy thereof.

102683077

1. Name of conveying party(ies): 3-1-04
FlipChip International, LLC

- Individual(s)
- General Partnership
- Corporation-Delaware
- Other _____
- Association
- Limited Partnership

Additional name(s) of conveying party(ies) attached Yes No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other: _____
- Merger
- Change of Name

Execution Date: February 6, 2004

2. Name and address of receiving party(ies):

Kulicke & Soffa Industries, Inc.
2101 Blair Mill Road
Willow Grove, PA 19090

- Individual(s) citizenship: _____
- Association: _____
- General Partnership: _____
- Limited Partnership: _____
- Corporation: Pennsylvania
- Other: _____

If assignee is not domiciled in the United States, a domestic representative designation is attached Yes No
(Designation must be a separate document from Assignment)
Additional name(s) & addresses attached? Yes No

4. Application number(s) or registration number(s):

A. Trademark Application No.(s):
78/168486
78/141117
78/141122
78/140813

B. Trademark Reg. No.(s):
2,496,509
2,197,002
2,199,271

Additional numbers attached Yes No

RECEIVED - 1 MAR 10 4 30 PM '04
OPR/FINANCE

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert E. Cannuscio, Esq.
Drinker Biddle & Reath LLP
One Logan Square
18th and Cherry Streets
Philadelphia, PA 19103-6996

Attorney Docket No. 3817-053859

6. Total number of applications and registrations involved: 7

7. Total fee (37 CFR 3.41) \$280.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: 50-0573

DO NOT USE THIS SPACE

9. 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.

ROBERT E. CANNUSCIO

Name of Person Signing

Signature

2/25/04

Date

Total number of pages including cover sheet, attachments and document: 3

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner for Trademarks
Box Assignments
Washington, D.C. 20231

5/08/0004 782647E 00000060 7158486

40.00 DP
150.00 DP

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TRADEMARK COLLATERAL AGREEMENT AND NOTICE

This TRADEMARK COLLATERAL AGREEMENT AND NOTICE dated as of February 6, 2004, is by FlipChip International, LLC, a Delaware limited liability company ("Buyer"), to and in favor of Kulicke and Soffa Industries, Inc. a Pennsylvania corporation ("K&S") in connection with an Equipment Sublease between Buyer and K&S dated February 6, 2004 (as amended, extended, supplemented, restated or otherwise modified) and certain other agreements, instruments and other documents executed, delivered and/or filed in connection therewith (collectively, the "Agreements").

WHEREAS, Buyer is the owner of certain intellectual property rights that are the subject of United States and foreign trademark registrations and/or trademark applications as listed on Exhibit 1 hereto (the "Trademarks"); and

WHEREAS, K&S has agreed to enter into the Agreements on condition that the Buyer pledge and grant to K&S as collateral for the obligations (as set forth in the Agreements) a security interest and lien in and to the Trademarks and all other related claims and rights as more fully described in a certain Intellectual Property Security Agreement (the "Security Agreement") in favor of K&S dated as of February 6, 2004, by and between Buyer and K&S;

NOW THEREFORE, for good and valuable consideration, as security for the due and timely performance of the obligations (as set forth in the Security Agreement), Buyer hereby pledges and grants to K&S a security interest and lien in and to the Trademarks and gives notice of such security interest and the existence of such Security Agreement providing therefor.

Executed as of the date first above written.

Attest: FLIPCHIP INTERNATIONAL, LLC

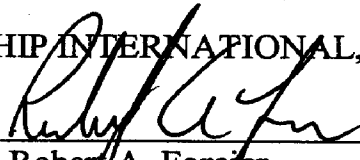
By: 
Name: Robert A. Forcier
Title: Manager

Exhibit 1
To Trademark Collateral Agreement and Notice

Country (State)	Word Mark	Registration No. (Serial No.)	Registration Date (Filing Date)
US	UltraCSP	2,496,509	10/9/2001
US	FLIP CHIP TECHNOLOGIES, plus design	2,197,002	10/20/1998
US	Design Mark	2,199,271	10/27/1998
US	Polymer Collar	No filed	
US	Spheron	78/168486 application	9/27/2002
US	Power WLP	78/141117 Application	7/3/2002
US	UCSP	78/141122 Application	7/3/2002
US	FOC Flex-On-Cap	78/140813 Application	7/2/2002

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