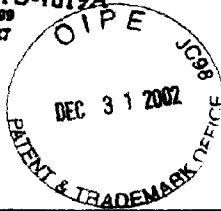


FORM PTO-1619A
Expires 08/30/99
OMB 0651-0027



01-07-2003

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Correspondent Name and Address **Area Code and Telephone Number** 410-465-6678

Name Morton J. Rosenberg

Address (line 1) Rosenberg, Klein & Lee

Address (line 2) 3458 Ellicott Center Drive, Suite 101

Address (line 3) Ellicott City, MD 21043

Address (line 4)

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Patent Application Number(s)			Patent Number(s)		
<u></u>	<u></u>	<u></u>	<u>6,163,458</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT PCT

only if a U.S. Application Number PCT PCT PCT

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Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment: Enclosed ☒ Deposit Account ☐

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 18-2011

Authorization to charge additional fees: Yes ☒ No ☐

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. Charges to deposit account are authorized, as indicated herein.

Morton J. Rosenberg Morton J. Rosenberg 30 Dec 2002

Name of Person Signing Signature Date



04586

PATENT TRADEMARK OFFICE

ASSIGNMENT DEED

This assignment agreement is applicable to an invention entitled (invention title) Heat spreader for ball grid array package

This PATENT RIGHT referred to in this agreement are:

- (check one) ☐ a Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment
☐ U.S. Patent Application Serial No. _____, filed _____
☒ U.S. Patent No. 6,163,458, issued December 19, 2000

The PATENT RIGHT assigned under this agreement are:

- (check one) ☒ U.S. Patent rights only
☐ worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of first assignor) Caesar Technology, Inc.
(Address) No. 11, Lane 541, Sec. 2, Chung Hsing Rd., Chutung, Hsingchu, Taiwan, R.O.C.
(Full name of second joint inventor, if any) _____
(Address) _____
(Full name of third joint inventor, if any) _____
(Address) _____

(Full name of fourth joint inventor, if any) _____
(Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) Siliconware Precision Industries Co.Ltd.
(Address) No.123 SEC. 3 Da Fong RD. Tantz. Taichung, Taiwan, R.O.C.

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address) _____

The Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address) _____

The First ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☐ a Corporation of Taiwan, R.O.C.
(state or Country)

The Second ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____
(state or Country)

The Third ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____
(state or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;
an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention; all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(s) hereby authorize(s) and request(s) the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, Continuation-in part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain an enforced proper protection for said invention.

Jerome Tsai December 20, 2002
(Signature of sole or first assignor) Jerome Tsai, President (Date)

(Signature of second assignor, if any) (Date)

(Signature of third assignor, if any) (Date)

(Signature of fourth assignor, if any) (Date)