12-08-2003 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE RE **ITER** 1-3-92 Patent and Trademark Office 102617096 Attorney Docket No.: 81925.0008 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Joshua David LOBSINGER Kyocera America, Inc. Michael John SHANE 8611 Balboa Avenue Ronaldo Francisco Hernandez BROSAS San Diego, CA 92123 Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance: Execution Date: May 14, 2003 Additional name(s) & address(es) attached?

Yes

No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 10/442,549 B. Patent No.(s) Additional numbers attached?

Yes ⊠ No Name and address of party to whom correspondence concerning Total number of applications and patents involved: 📜 1 📗 document should be mailed: John P. Scherlacher, Esq. 7. Total fee (37 CFR 3.41) \$40.00 HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 □ Previously Enclosed Los Angeles, CA 90071 ☐ Authorized to be charged to deposit account 8. Deposit account number: 50-1314 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

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

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

Anthony J. Orler

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

Date:

December 2, 2003

U.S. DEPARTMENT OF COMMERCE Form PTO-1595 **ER** REC 1-3-92 Patent and Trademark Office Attorney Docket No.: 81925.0008 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Joshua David LOBSINGER Kyocera America, Inc. Michael John SHANE 8611 Balboa Avenue Ronaldo Fransico Hernandez BROSAS San Diego, CA 92123 Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: Merger Change of Name Security Agreement Other Additional name(s) & address(es) attached? ☐ Yes ☒ No Execution Date: May 14, 2003 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: May 14, 2003 B. Patent No.(s) A. Patent Application No.(s) 10,442549 ⊠ No Additional numbers attached?

Yes Name and address of party to whom correspondence concerning Total number of applications and patents involved: [1] document should be mailed: John P. Scherlacher, Esq. 7. Total fee (37 CFR 3.41) \$40.00 HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, CA 90071 Authorized to be charged to deposit account 8. Deposit account number: 50-1314 05/29/2003 DBYRNE 00000136 10442549 (Attach duplicate copy of this page if paying by deposit account) FC: 6021 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. Date: May 21, 2003 John P/Scherlacher OMB No. 0651-0011 (exp. 4/94) Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

PATENT REEL: 014753 FRAME: 0244

ASSIGNMENT

(1-8)	Name(s) of Inventor(s)	(1) (2)	Joshua David Lobsinger (5) Michael John Shane (6)
		(3) (4)	Ronaldo Francisco Hernandez Brosas (7) (8)
		(4)	In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(9)	Name of Assignee	(9)	Kyocera America, Inc.
(10)	State of Incorporation of Assignee	(10)	California (USA)
(11)	Address of Assignee	(11)	of 8611 Balboa Avenue, San Diego, CA 92123 (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
(12)	Identification of Invention, s as Title, Case Number or Foreign Application Numbe		SEMICONDUCTOR PACKAGE HAVING FILLER METAL OF GOLD/SILVER/COPPER ALLOY, SN: Not Assigned for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
(13)	Date(s) of Signing of Declaration	(13)	on May 14, 2003
1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.			
	The undersigned agred concerning this application obtaining evidence and the concerning evidence and the concerning evidence.	tion or conti	xecute all papers necessary in connection with any interference which may be tinuation or division thereof and to cooperate with the Assignee in every way ward with such interference.
conne	The undersigned agection with claims or provision	ree(s) to exe ns of the Inte	ecute all papers and documents and perform any act which may be necessary in ternational Convention for Protection of Industrial Property or similar agreements.
Unite	4) The undersigned agd States patent to the Assign		erform all affirmative acts which may be necessary to obtain a grant of a valid
said /	ats of the United States resul Assignee, as Assignee of the est herein assigned, and that	ting from sa e entire inter he has (they	rize(s) and request(s) the Commissioner of Patents to issue any and all Letters aid application or any division or divisions or continuing applications thereof to the rest, and hereby covenants that he has (they have) full right to convey the entire by have) not executed any agreement in conflict herewith. Its the persons associated with Customer Number:
			26021 PATENT TRADEMARK OFFICE urther identification which may be necessary or desirable in order to comply with demark Office for recognition of this document.
Date:	5/4/03 s	ignature of I	Inventor 1
Date:	5/14/03 s	ignature of I	Inventor 2 Muchal John Man
Date	5/14/03 s	ignature of I	Inventor 3
Date	s	ignature of I	Inventor 4
Date	S	ignature of I	Inventor 5

RECORDED: 12/04/2003

PATENT REEL: 014753 FRAME: 0245