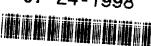
In place of Form PTO-1595

07-24-1998



PATENT DOCKET NUMBER: 22397.85

PATENTS

RECORD.

100773423
To the Honorable Commissioner of Patents and Trademarks: Please reward the attached original document(

108/111671 09/111671 01/10/8

Name of conveying party(ies):

lvan Herman Murzin Toshiyuki Sakuma Ajay Tapiawala

copy thereof:

Ball Semiconductor, Inc.

415 Century Parkway Allen, TX 75013

Additional name(s) & address(es) attached?

2. Name and address of receiving party:

S		Yes XXX No
3. Nature of	of conveyance: XXX Assignment	Execution Date:
4. Applicat	ion or patent number(s):	
A. Patent A	pplication No.(s):	B. Patent No.(s):
	nd address of party to whom lence concerning document should	6. Total number of applications and patents involved: 1
	Boone, L.L.P. sBank Plaza	7. Total fee (37 CFR 3.41): \$ 40.00 X Enclosed Authorized to be charged to deposit account
07/21/1990 9 HADE1 TX 00	556064 33 79 993671	8. Deposit account number: 08-1394 (Duplicate copy of this sheet is attached)

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.

true copy of the original document.

40.00 OP

David M. O'Dell

04 FC:581

7-10-78 Date

Total number of pages including cover sheet, attachments and document: __3___

Mail document(s) to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Box Assignments Washington, D. C. 20231

a-70213.1

PATENT REEL: 9325 FRAME: 0333

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made and filed herewith; and

WHEREAS, Ball Semiconductor, Inc. a Texas Corporation having a place of business at 415 Century Parkway, Allen, Texas 75013 (hereinafter called Ball Semiconductor), is desirous of acquiring my entire right, title and interest in and to the invention, and to the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Ball Semiconductor, its successors and assigns, my entire right, title and interest in and to the invention and in to the application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Ball Semiconductor, as assignee of my entire right, title and interest.

I also hereby sell and assign to Ball Semiconductor, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Ball Semiconductor, or to its successors, assigns, and legal representatives, any facts know to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawfully papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid Ball Semiconductor, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	METHOD AND APPARATUS FOR BLANKET ALUMINUM CVD ON SPHERICAL INTEGRATED CIRCUITS
INVENTOR SIGNATURE AND NAME	Ivan Herman Murzin
DATE	
RESIDENCE (City, State)	2934 Beltline Road, Ap. 704 Garland, Texas 75044

TITLE OF INVENTION	METHOD AND APPARATUS FOR BLANKET ALUMINUM CVD ON SPHERICAL INTEGRATED CIRCUITS
INVENTOR SIGNATURE AND NAME	Toshiyuki Sakuma
DATE	
RESIDENCE (City, State)	2-3-3- Ohizumigakuencho, Nerima-ku Tokyo 17861 Japan

TITLE OF INVENTION	METHOD AND APPARATUS FOR BLANKET ALUMINUM CVD ON SPHERICAL INTEGRATED CIRCUITS
INVENTOR SIGNATURE AND NAME	Ajay Tapiawala
DATE	
RESIDENCE (City, State)	

a-70210.1

-2- PATENT REEL: 9325 FRAME: 0335