

JBH:clm 10/29/02 149936.doc



Atty. Ref. No. 6748262973

OFFICE OF PATENT & TRADEMARKS
1002 NEW -4
FINANCE SECTION

RECORD	102276397	- PATENTS ONLY
BOX ASSIGNMENT COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231		
11-4-02		
1. Total number of pages including cover sheet, attachments and document: 4		
2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) <input type="checkbox"/> Check here if additional name(s) attached Name(s): Cornel Danciu and Thomas Abels Execution Date(s): September 30, 2002 and October 7, 2002		
3. Name and address of receiving party <input type="checkbox"/> Check here if additional name(s) & address(es) are attached Name: Toyo Tanso Co., Ltd Address: 7-12, 5-chome, Takeshima, Nishiyodogawa-ku, Osaku, 555-0011 Japan City: State/Country: Zip:		
4. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Name Change <input type="checkbox"/> Other:		
5. Total number of applications and patents involved: 1		
6. Total Fee Enclosed (37 C.F.R. § 3.41): \$40.00		
7. <input checked="" type="checkbox"/> Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550		
8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent. A. <input type="checkbox"/> This document is being filed with a new application. Execution date is: _____ B. <input checked="" type="checkbox"/> Patent Application No.(s) or Patent No.(s): <u>10/177,970</u> <input type="checkbox"/> Check here if additional numbers are attached		
9. Correspondent's name, address, and telephone number Jeffrey B. Haendler Klarquist Sparkman, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204-2988 Telephone: 503-226-7391		
10. <input checked="" type="checkbox"/> Please return the attached postcard to confirm that these items have been received.		
11. Statement and signature <i>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.</i>		
Jeffrey B. Haendler Name of Person Signing	 Signature	October 29, 2002 Date

11/07/2002 DBYRNE 00000253 10177970
01 FC:0021 40.00 DP

cc: Docketing

JBH:clh 08/12/02 6748-62973 132940.doc

ASSIGNMENT

WHEREAS, we, Cornel Danciu, of Portland, County of Multnomah, State of Oregon, and Thomas Abels, of Fairview, County of Multnomah, State of Oregon, have invented a certain invention, entitled SHIELDING ASSEMBLY FOR SEMICONDUCTOR MANUFACTURING APPARATUS AND METHOD OF USING THE SAME, for which the following applications have been filed:

U.S. Provisional Application No. 60/300,313, filed June 22, 2001 (the '313 application), and

U.S. Application No. 10/177,970, filed June 21, 2002 and claiming the benefit of the '313 application; and

WHEREAS, Toyo Tanso Co., Ltd., having a place of business at 7-12, 5-chome, Takeshima, Nishiyodogawa-ku, Osaku, 555-0011 Japan, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Cornel Danciu and Thomas Abels, hereby sell, assign and transfer to Tanyo Tanso Co., Ltd., the full and exclusive right, title and interest in and to said invention, patent applications and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, applications and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Tanyo Tanso Co., Ltd., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to

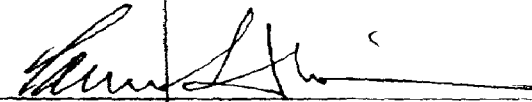
PATENT**REEL: 013460 FRAME: 0606**

JBH:clh 08/12/02 6748-62973 132940.doc

do, and agree that we will communicate to Tanyo Tanso Co., Ltd., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Tanyo Tanso Co., Ltd., its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.


CORNEL DANCIU

At Trousdale Oregon
(City and State)
on this 30th day of Sept., 2002.

STATE OF OREGON)
) ss.
COUNTY OF)

This 30th day of September, 2002, before me personally came the above-named Cornel Danciu, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.




Notary Public for Oregon
My commission expires: 12/22/05

[SEAL]

JBH:clh 08/12/02 6748-62973 132940.doc

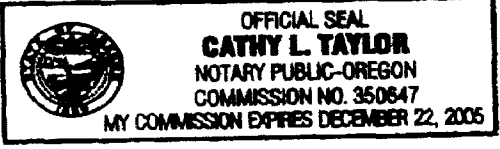
Thomas Abels
THOMAS ABELS

At Troutdale, Oregon
(City and State)

on this 7 day of October, 2002.

STATE OF OREGON)
COUNTY OF MULTNOMAH) ss.

This 7th day of October, 2002, before me personally came the above-named Thomas Abels, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Cathy L. Taylor
Notary Public for Oregon
My commission expires: 12/22/05

[SEAL]