

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT         |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT             |
| <b>CONVEYING PARTY DATA</b>   |                        |
| <b>Name</b>   | <b>Execution Date</b>  |
| JOSEF KNOTT   | 09/14/2012             |
| PATRICK ENGELHARD   | 09/17/2012             |
| HANS SCHEUREN   | 09/17/2012             |
| <b>RECEIVING PARTY DATA</b>   |                        |
| <b>Name:</b>  | KRONES AG              |
| <b>Street Address:</b>  | BOEHMERWALDSTR. 5      |
| <b>City:</b>  | NEUTRAUBLING           |
| <b>State/Country:</b>   | GERMANY                |
| <b>Postal Code:</b>   | 93073                  |
| <b>PROPERTY NUMBERS Total: 1</b>  |                        |
| <b>Property Type</b>  | <b>Number</b>          |
| Application Number:   | 13625864               |
| <b>CORRESPONDENCE DATA</b>  |                        |
| <b>Fax Number:</b>  | (520)882-7643          |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                        |
| <b>Phone:</b>   | 520-882-7623           |
| <b>Email:</b>   | cgee@hayes-soloway.com |
| <b>Correspondent Name:</b>  | NORMAN P. SOLOWAY      |
| <b>Address Line 1:</b>  | 4640 E. SKYLINE DRIVE  |
| <b>Address Line 4:</b>  | TUCSON, ARIZONA 85718  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | HANNKE KNS01-487       |
| <b>NAME OF SUBMITTER:</b>   | NORMAN P. SOLOWAY      |
| <b>SIGNATURE:</b>   | /norman p. soloway/    |
| <b>DATE SIGNED:</b>   | 04/14/2015             |
| <b>Total Attachments: 3</b>   |                        |
| source=assignments#page1.tif  |                        |
| source=assignments#page2.tif  |                        |
| source=assignments#page3.tif  |                        |

# ASSIGNMENT

I Josef Knott of Neutraubling, Germany having invented certain inventions and improvements in APPARATUS AND METHOD OF STERILIZING CONTAINERS WITH A CHARGE CARRIER SOURCE INTRODUCED INTO THE CONTAINERS and having executed an application for Letters Patent of the United States of America describing the same and based thereon on the 14th day of September, 2012 (U.S. Patent Application Serial No. 13/625,864, filed September 24, 2012), for good and valuable consideration, the receipt of which is hereby acknowledged from KRONES AG, an German company having its principal place of business at Boehmerwaldstr. 5, 93073 Neutraubling, Germany (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

|                              |                          |          |                      |
|------------------------------|--------------------------|----------|----------------------|
| Inventor's signature         | <u>Josef Knott</u>       | Date     | <u>Sept 14, 2012</u> |
| Full name (typed or printed) | <u>Josef Knott</u>       | Witness: | <u>Barbara Lex</u>   |
| Witness:                     | <u>Beate Uirelberger</u> | Date:    | <u>Sept 14, 2012</u> |
| Date:                        | <u>Sept. 14, 2012</u>    |          |                      |

# ASSIGNMENT

I Patrick Engelhard of Neutraubling, Germany having invented certain inventions and improvements in APPARATUS AND METHOD OF STERILIZING CONTAINERS WITH A CHARGE CARRIER SOURCE INTRODUCED INTO THE CONTAINERS and having executed an application for Letters Patent of the United States of America describing the same and based thereon on the 17th day of September, 20 12 (U.S. Patent Application Serial No. 13/625,864, filed September 24, 2012), for good and valuable consideration, the receipt of which is hereby acknowledged from KRONES AG, an German company having its principal place of business at Boehmerwaldstr. 5, 93073 Neutraubling, Germany (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

|   |                             |
|---|-----------------------------|
| Inventor's signature <u>P. Engelhard</u>              | Date <u>17.09.2012</u>      |
| Full name (typed or printed) <u>Patrick Engelhard</u> |                             |
| Witness: <u>W. G. ...</u>                             | Witness: <u>K. ...</u>      |
| Date: <u>Sept. 17, 2012</u>                           | Date: <u>Sept. 17, 2012</u> |

ASSIGNMENT

I Hans Scheuren of Neutraubling, Germany having invented certain inventions and improvements in APPARATUS AND METHOD OF STERILIZING CONTAINERS WITH A CHARGE CARRIER SOURCE INTRODUCED INTO THE CONTAINERS and having executed an application for Letters Patent of the United States of America describing the same and based thereon on the 17th day of September, 2012 (U.S. Patent Application Serial No. 13/625,864, filed September 24, 2012), for good and valuable consideration, the receipt of which is hereby acknowledged from KRONES AG, an German company having its principal place of business at Boehmerwaldstr. 5, 93073 Neutraubling, Germany (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

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|--|-----------------------------|
| Inventor's signature <u>H. Scheuren</u>    | Date <u>17.09.12</u>        |
| Full name (typed or printed) Hans Scheuren |                             |
| Witness: <u>Udo G.</u>                     | Witness: <u>F. G.</u>       |
| Date: <u>Sept. 17, 2012</u>                | Date: <u>Sept. 17, 2012</u> |