

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Josef Knott</td> <td>05/07/2013</td> </tr> <tr> <td>Guenter Frankenberger</td> <td>05/06/2013</td> </tr> <tr> <td>Tino Sickert</td> <td>04/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Josef Knott	05/07/2013	Guenter Frankenberger	05/06/2013	Tino Sickert	04/29/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Krones AG</td> </tr> <tr> <td>Street Address:</td> <td>Boehmerwaldstr 5</td> </tr> <tr> <td>City:</td> <td>Neutraubling</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>93073</td> </tr> </table>		Name:	Krones AG	Street Address:	Boehmerwaldstr 5	City:	Neutraubling	State/Country:	GERMANY	Postal Code:	93073
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 6177427774  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6179944900        Email: mail@omiplaw.com        Correspondent Name: Onello &amp; Mello, LLP        Address Line 1: Three Burlington Woods Drive        Address Line 2: Suite 203        Address Line 4: Burlington, MASSACHUSETTS 01803</p>											
ATTORNEY DOCKET NUMBER:	HBP-022										
NAME OF SUBMITTER:	Anthony P. Onello, Jr.										
Signature:	/Anthony P. Onello, Jr./										

Date:

05/14/2013

Total Attachments: 2

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Attorney Reference No.: HBP-022

## ASSIGNMENT

We,

Josef Knott of Schierlingerstr. 2A, Walkenstetten, Germany;

Guenther Frankenberger of Albert-Kaindl-Ring 2 a, Koefering, Germany; and

Tino Sickert of Weidentalstrasse 44, Dresden, Germany,

having invented improvements in APPARATUS AND METHOD OF RADIATION-BASED  
STERILIZATION OF CONTAINER CLOSURES identified as Attorney Docket No. HBP-022, described  
in an application for Letters Patent of the United States, which application was filed on April 9, 2013 and  
assigned Serial No. 13/859,320

for good and valuable consideration, receipt of which is hereby acknowledged Kronos AG, a  
German corporation having a place of business at Bochnerwaldstr. 5, 93073 Neutraubling, Germany (and  
hereinafter called the Assignee, which term shall include its successors and assigns), do hereby sell, assign  
and transfer unto the Assignee our entire right, title, and interest in and throughout the United States of  
America (including its territories and dependencies) and all countries foreign thereto, in and to and under  
said application (which term shall include hereinafter where the context so admits all divisional,  
continuing, reissue and other patent applications based thereon) and the inventions (which term shall  
include each and every such invention, or part thereof) therein described, and any and all patents and like  
rights of exclusion (including extensions thereof) of any country which may be granted on or for said  
inventions or on said application;

And for the same consideration I do also hereby sell, assign, and transfer unto the Assignee, all our  
rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation  
Treaty, and all other treaties of like purpose in respect of said inventions and said application, and I do  
hereby authorize the Assignee to apply in my name or its own name or its designee for patents and like  
rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the  
priority of the filing date of said application under the provisions of said Convention, Treaty or any such  
other Convention or Treaty;

And for the same consideration, I do hereby agree for myself and for my heirs, executors, and  
administrators, promptly upon request of the Assignee to execute and deliver without further compensation  
any power of attorney, assignment, original, divisional, continuing, reissue or other application or  
applications for patent or patents or like rights of exclusion of any country, or other lawful documents and  
any further assurances that may be deemed necessary or desirable by the Assignee, fully to secure to it said  
right, title, and interest as aforesaid in and to said inventions, applications, and said several patents and like  
rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the  
Assignee, its successors, or assigns;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United  
States of America and the corresponding Official of each country foreign thereto to issue to the Assignee,  
any and all patents and like rights of exclusion which may be granted in any country upon said United  
States application on or for said inventions;

Attorney Reference No.: HBP-022

And I do hereby covenant for ourselves and our legal representatives and agree with the Assignee, that I have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions has not been otherwise encumbered by us, and that I have not executed and will not execute any instruments in conflict herewith.

First or Sole Inventor:

Signature:

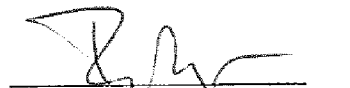
  
Josef Knott

Date:

2.5.13

Second Inventor:

Signature:

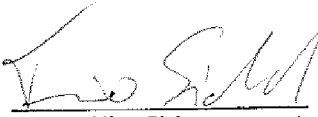
  
Guenter Frankenberger

Date:

6.5.13

Third Inventor:

Signature:

  
Tino Sickert

Date:

29.04.13

ATTORNEY REFERENCE NO.: HBP-022  
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