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Conveying Party(ies)

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Name (line 1) Fioravanti, Alex 06/06/2001

Name (line 2) _____

Second Party

Name (line 1) Ramsey, Christopher Paul Execution Date
Month Day Year
06/08/2001

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Crown Cork & Seal Technologies Corporation

Name (line 2) _____

Address (line 1) 11535 S. Central Avenue

Address (line 2) _____

Address (line 3) Alsip Illinois/USA 60803
City State/Country Zip Code

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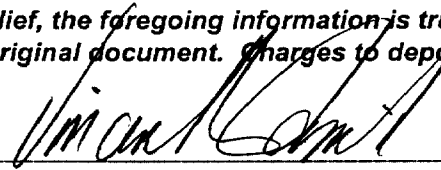
Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09/868,986"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)
Enter PCT application number only if a U.S. Application Number has not been assigned.
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Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$
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Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #
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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. Charges to deposit account are authorized, as indicated herein.
Vincent L. Ramik, Reg. 20,663  9/21/01
Name of Person Signing Signature Date

00000000

JOINT

ASSIGNMENT

WHEREAS, we, ALEX FIORAVANTI and CHRISTOPHER PAUL RAMSEY, a citizen of BENSALEM, USA
residing at 820 FINCH DRIVE, BENSALEM, PHILADELPHIA 19020-4405
 a citizen of WANTAGE, OXON.UK residing at BRAESIDE, MANOR ROAD, WANTAGE,
OXFORDSHIRE, OX12 8DP, UK, and a citizen of _____, residing
 at _____, respectively,
 have made a certain new and useful invention as set forth in an application for United States Letters
 Patent executed by us the 8th day of June, 2001, filed on June 22, 2001
 under Serial No. 09/868,986, the hereinafter named assignee being hereby authorized
 to insert the said serial number and filing date when ascertained;

AND WHEREAS, CROWN CORK & SEAL TECHNOLOGIES CORPORATION,
 a corporation of USA and having a place of business
 at 11535 S.CENTRAL AVENUE, ALSIP, ILLINOIS 60803-2599, USA, is desirous
 of acquiring the entire right, title, and interest in and to said invention and in and to any and all
 Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, we do hereby sell, assign, transfer,
 and set over unto CROWN CORK & SEAL TECHNOLOGIES CORPORATION,
 its legal representatives,
 successors, and assigns, the entire right, title, and interest in and to said invention as set forth in the
 above-mentioned application, and in and to any and all patents of the United States and foreign
 countries which may be issued for said invention;

UPON SAID CONSIDERATION, we do hereby agree with the said assignee that we will not
 execute any writing or do any act whatsoever conflicting with these presents, and that we will, at
 any time upon request, without further or additional consideration, but at the expense of the said
 assignee, execute such additional assignments and other writings and do such additional acts as said
 assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and
 render all necessary assistance in making application for and obtaining original, divisional, reissued,
 or extended Letters Patent of the United States or of any and all foreign countries on said
 invention, and in enforcing any rights or choses in action accruing as a result of such applications or
 patents, by giving testimony in any proceedings or transactions involving such applications or
 patents, and by executing preliminary statements and other affidavits, it being understood that the
 foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal
 representatives of assignor and assignee;

AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of
 the United States which may be issued for said invention to said CROWN CORK & SEAL TECHNOLOGIES
CORPORATION, its legal representatives, successors, or assigns, as the sole
 owner of the entire right, title, and interest in and to said patent and the invention covered thereby.

Date JUNE 08, 2001

Alex Fioravanti
ALEX FIORAVANTI

Date JUNE 08, 2001

Christopher Paul Ramsey
CHRISTOPHER PAUL RAMSEY

Date _____

PATENT