

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>Joshua CARPMAN</td> <td>01/06/2012</td> </tr> <tr> <td>Charles N. HARPER</td> <td>01/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Joshua CARPMAN	01/06/2012	Charles N. HARPER	01/06/2012				
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Joshua CARPMAN	01/06/2012										
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Air Liquide Large Industries U.S. LP</td> </tr> <tr> <td>Street Address:</td> <td>2700 Post Oak Blvd., Suite 1800</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77056</td> </tr> </table>		Name:	Air Liquide Large Industries U.S. LP	Street Address:	2700 Post Oak Blvd., Suite 1800	City:	Houston	State/Country:	TEXAS	Postal Code:	77056
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PROPERTY NUMBERS Total: 1											
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Application Number:	13333141										
CORRESPONDENCE DATA											
Fax Number:	(713)624-8950										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	AIR LIQUIDE USA LLC										
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ATTORNEY DOCKET NUMBER:	SERIE 8545										
NAME OF SUBMITTER:	Elwood L. Haynes										
Total Attachments: 1 source=S8546_US_Assignment#page1.tif											

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Assignment of Invention

WHEREAS WE, **Joshua CARPMAN** and **Charles N. HARPER**, respectively, have invented certain new and useful improvements in **METHOD TO EXTRACT BILLING TYPE PEAK DATA FROM AN EXISTING ELECTRIC METER INSTALLATION**, for which a provisional patent application was filed on December 21, 2010, having Application No. 61/425,342; and an application for Letters Patent was filed on December 21, 2011, having Application No. 13/333,141;

WHEREAS, **Air Liquide Large Industries U.S. LP** (hereinafter referred to as "ASSIGNEE") having a place of business at 2700 Post Oak Boulevard, Suite 1800, Houston, Texas 77056, U.S.A., desires to acquire from **Joshua CARPMAN** and **Charles N. HARPER**, the entire right, title and interest we have in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, we, by these presents do sell, assign and transfer unto said ASSIGNEE, effective as of the first priority date, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries, including the right to claim priority of the above-mentioned patent application(s) in patent applications filed in or for any such foreign country, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all subsequent provisionals, non-provisionals, divisions, reissues, continuations, substitutions and renewals thereof.


We hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, we agree that we will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.


The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

EXECUTED AT HOUSTON, TEXAS USA

Date: 1/6/12


 Joshua CARPMAN, Inventor

Date: 06 JAN 12


 Charles N. HARPER, Inventor