

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2687255

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>TETSUYA IDE</td> <td>11/28/2013</td> </tr> <tr> <td>TOMOKO KASE</td> <td>12/04/2013</td> </tr> <tr> <td>YUKA UTSUMI</td> <td>11/28/2013</td> </tr> <tr> <td>YASUYUKI UМЕНAKA</td> <td>12/02/2013</td> </tr> <tr> <td>TAKASHI YAMASHITA</td> <td>11/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	TETSUYA IDE	11/28/2013	TOMOKO KASE	12/04/2013	YUKA UTSUMI	11/28/2013	YASUYUKI UМЕНAKA	12/02/2013	TAKASHI YAMASHITA	11/28/2013
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NAME OF SUBMITTER:	SATOKO SAKIYAMA												

Signature:	/AMD/ss
Date:	01/16/2014
Total Attachments: 1 source=70404-1770-Client-20140110-Signed_Assignment-2#page1.tif	

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, **Tetsuya IDE, Tomoko KASE, Yuka UTSUMI, Yasuyuki UMENAKA and Takashi YAMASHITA** (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **HEAT STORAGE MEMBER** for which application for Letters Patent of the United States has been

_____ executed on even date herewith;
_____ filed on _____ as Serial No. _____.

WHEREAS, **Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan** (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefore;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefore through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: Nov. 28, 2013

Tetsuya Ide
Tetsuya IDE

Dated: Dec. 04, 2013

Tomoko Kase
Tomoko KASE

Dated: Nov. 28, 2013

Yuka Utsumi
Yuka UTSUMI

Dated: _____

Yasuyuki UMENAKA

Dated: Nov. 28, 2013

Takashi Yamashita
Takashi YAMASHITA