

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5544665

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAE IL KO	05/27/2019
YOUNG BAE JANG	05/27/2019
CHANG NAM HAN	05/27/2019
KA RAM LEE	05/27/2019
SOON AE PARK	05/27/2019
YONG GUK HEO	05/27/2019
RECEIVING PARTY DATA	
Name:	SAMWON INDUSTRIAL CO., LTD.
Street Address:	246-33, PYEONGDONGSANDAN-RO, GWANGSAN-GU,
City:	GWANGJU
State/Country:	KOREA, REPUBLIC OF
Postal Code:	62417
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16464837
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	2122-24
NAME OF SUBMITTER:	JAMES E. BAME
SIGNATURE:	/James E. Bame/
DATE SIGNED:	05/29/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

Total Attachments: 3

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DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATION

Title of the Invention

MICROCHANNEL-TYPE ALUMINUM HEAT EXCHANGER AND METHOD OF
MANUFACTURING THE SAME

As a below named inventor(s), I/we hereby declare that:

This declaration is directed to the application attached hereto. If not attached hereto, this declaration is
directed to United States Application Number _____ filed on _____; and amended
(mm/dd/yyyy)
on _____ (if applicable), or PCT International Application Number PCT/KR2017/007035
(mm/dd/yyyy)
filed on 07/03/2017; and amended on _____ (if applicable).
(mm/dd/yyyy) (mm/dd/yyyy)

The above-identified application was made or authorized to be made by me/us.

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which
a patent is sought.

I/we hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C.
1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application
identified.

AND Whereas, SAMWON INDUSTRIAL CO., LTD., a corporation whose post office address is
(Woljeon-dong) 246-33, Pyeongdongsandan-ro, Gwangsan-gu, Gwangju, 62417, Republic of Korea,
hereinafter, "the Assignee", together with its heirs, successors, legal representatives and assigns wants
to acquire the entire right and interest in and to said invention and in and to any Letters Patent(s) that may be
granted therefor in the United States of America.

WHEREAS, the undersigned hereby authorizes and requests his/her attorney, James E. Bame of IPLA P.A. with
the principal address of 3580 Wilshire Boulevard, 17th Floor, Los Angeles, CA 90010, to insert herein on the
underline 16/464,837 filed: 29 May 2019, application number and filing date of said application when
known.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the
undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto
said Assignee the full and exclusive right to the said invention in the United States of America, its territories,
dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which
may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the
box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations,
conversions and extensions thereof for the full term or terms for which the same may be granted.

WHEREAS, the undersigned agrees to execute all papers necessary in connection with this application and any
continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in
connection with such applications as the Assignee may deem necessary or expedient.

WHEREAS, the undersigned agrees to execute all papers necessary in connection with any interference which
may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters
Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining

and producing evidence and proceeding with such interference.

WHEREAS, the undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

WHEREAS, the undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

WHEREAS, the undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

WHEREAS, the undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

LEGAL NAME OF SOLE OR FIRST INVENTOR		
Given Name	Jae Il	Family Name KO
Inventor's Signature	X <i>Jae Il Ko</i>	Date May 20, 2019

LEGAL NAME OF SECOND JOINT INVENTOR, IF ANY		
Given Name	Young Bae	Family Name JANG
Inventor's Signature	X <i>Young Bae Jang</i>	Date May 27, 2019

LEGAL NAME OF THIRD JOINT INVENTOR, IF ANY		
Given Name	Chang Nam	Family Name HAN
Inventor's Signature	X <i>Chang Nam Han</i>	Date May 27, 2019

LEGAL NAME OF 4TH JOINT INVENTOR, IF ANY		
Given Name	Ka Ram	Family Name LEE
Inventor's Signature	X <i>Ka Ram Lee</i>	Date May 27, 2019

LEGAL NAME OF 5TH JOINT INVENTOR, IF ANY		
Given Name	Soon Ae	Family Name PARK
Inventor's Signature	X <i>Park Soomae</i>	Date May 27, 2019

LEGAL NAME OF 6TH JOINT INVENTOR, IF ANY		
Given Name	Yong Guk	Family Name
HEO		
Inventor's Signature		Date
X		2019.5.27

LEGAL NAME OF 7TH JOINT INVENTOR, IF ANY		
Given Name	Family Name	
Inventor's Signature	Date	

LEGAL NAME OF 8TH JOINT INVENTOR, IF ANY		
Given Name	Family Name	
Inventor's Signature	Date	

LEGAL NAME OF 9TH JOINT INVENTOR, IF ANY		
Given Name	Family Name	
Inventor's Signature	Date	

LEGAL NAME OF 10TH JOINT INVENTOR, IF ANY		
Given Name	Family Name	
Inventor's Signature	Date	

LEGAL NAME OF 11TH JOINT INVENTOR, IF ANY		
Given Name	Family Name	
Inventor's Signature	Date	

LEGAL NAME OF 12TH JOINT INVENTOR, IF ANY		
Given Name	Family Name	
Inventor's Signature	Date	

LEGAL NAME OF 13TH JOINT INVENTOR, IF ANY		
Given Name	Family Name	
Inventor's Signature	Date	