

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4661641

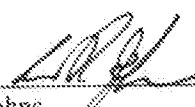
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM R. JOHNS	09/14/2017
ALAN F. EVANS	09/15/2017
RONALD K. KNIGHT	09/13/2017
RECEIVING PARTY DATA	
Name:	HAEMAIR LIMITED
Street Address:	ROOM 403, ILS PHASE 2
Internal Address:	SWANSEA UNIVERSITY
City:	SINGLETON PARK, SA
State/Country:	GREAT BRITAIN
Postal Code:	SA28PP
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15546535
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1232-013US01/P4476USPC
NAME OF SUBMITTER:	JULIA A. EHRREICH
SIGNATURE:	/Julia A. Ehrreich/
DATE SIGNED:	10/27/2017
Total Attachments: 2	
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ASSIGNMENT

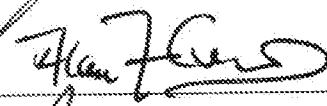
For valuable consideration, we, William R. Johns of Haemair Limited, Room 403, ILS Phase 2, Swansea University, Singleton Park, SA SA28PP GB, Alan F. Evans of Haemair Limited, Room 403, ILS Phase 2, Swansea University, Singleton Park, SA SA28PP GB, and Ronald K. Knight of Haemair Limited, Room 403, ILS Phase 2, Swansea University, Singleton Park, SA SA28PP GB hereby assign to: Haemair Limited, having a place of business at: Room 403, ILS Phase 2, Swansea University, Singleton Park, SA SA28PP GB, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled MASS EXCHANGE APPARATUS AND METHODS FOR THE USE THEREOF, filed July 26, 2017, and assigned U.S. Serial Number 15/546,535; this assignment including said application, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), any provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment
Attorney Docket No.: 1232-013US01/ P4476USPC

Date: 14 September 2017


William R. Johns

Date: 15th September 2017


Alan F. Evans

Date: 18th September 2017


Ronald K. Knight