

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3790444

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DUKANE CORPORATION	03/16/2016
RECEIVING PARTY DATA	
Name:	DUKANE IAS, LLC
Street Address:	2900 DUKANE DRIVE
City:	ST. CHARLES
State/Country:	ILLINOIS
Postal Code:	60174
PROPERTY NUMBERS Total: 18	
Property Type	Number
Patent Number:	5880580
Patent Number:	6984921
Patent Number:	7225965
Patent Number:	7475801
Patent Number:	7819158
Patent Number:	8052816
Patent Number:	8720516
Patent Number:	9144937
Patent Number:	8245748
Patent Number:	8721817
Application Number:	14209273
Application Number:	14472084
Application Number:	14472352
Application Number:	14827455
Application Number:	14277249
Application Number:	14326900
Application Number:	14500416
PCT Number:	US2014058027
CORRESPONDENCE DATA	

Fax Number: (312)977-4405

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.

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Correspondent Name: STEPHEN G. RUDISILL

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ATTORNEY DOCKET NUMBER:	262519-000001
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NAME OF SUBMITTER:	STEPHEN G. RUDISILL
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SIGNATURE:	/Stephen G. Rudisill/
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DATE SIGNED:	03/18/2016
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Total Attachments: 6

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ASSIGNMENT

WHEREAS, DUKANE CORPORATION, a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 2900 Dukane Drive, St. Charles, Illinois, 60174, USA (hereinafter referred to as "ASSIGNOR"), owns the entire right, title and interest in the patents and patent applications identified in **Exhibit A** attached hereto, as well as the inventions disclosed in such patents and patent applications; and


WHEREAS, DUKANE IAS, LLC, a limited liability company organized and existing under the laws of the State of Delaware, having its principal place of business at 2900 Dukane Drive, St. Charles, Illinois, 60174, USA (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title and interest in and to said patents and patent applications identified in **Exhibit A** attached hereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, ASSIGNOR's entire right, title and interest in and to said patents and patent applications, and all patents that may be granted therefrom, and all provisionals, divisions, reissues, substitutions, continuations, continuation-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue all patents issued from said applications to said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives, the right to file applications and obtain patents for all inventions described in said patents and patent applications identified in **Exhibit A**, in its own name, throughout the world, including all rights of priority, all rights to claim priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said inventions in appropriate registries; and

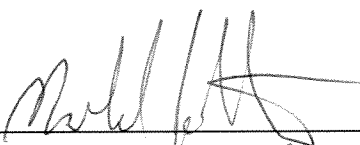
ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

Signed, sealed and delivered for and on behalf of **DUKANE CORPORATION**, this
16 day of March, 2016.



Name: Michael Ritschdorff
Title: President & CEO

Signed, sealed and delivered for and on behalf of **DUKANE IAS, LLC**, this 16 day
of March, 2016.



Name: Michael Johnston
Title: President

Exhibit A to Patent Assignment between Dukane Corporation and Dukane IAS, LLC

<u>Country</u>	<u>Serial Number</u>	<u>Filing Date</u>	<u>Status</u>	<u>Patent Number</u>	<u>Grant Date</u>	<u>Title</u>
United States	09/015,430	01/29/1998	Granted	5,880,580	03/09/1999	AUTOMATIC REGULATION OF POWER DELIVERED BY ULTRASONIC TRANSDUCER
United States	10/372,620	02/21/2003	Granted	6,984,921	01/10/2006	APPARATUS AND METHOD FOR RESONANT MOUNTING OF VIBRATION STRUCTURE
China	200610137136.2	08/30/2006	Granted	ZL200610137136.2	03/30/2011	MULTIPLE PROBE POWER SYSTEMS AND METHODS FOR ULTRASONIC WELDING
Czech Republic	06017374.7	08/21/2006	Granted	1759802	02/02/2011	MULTIPLE PROBE POWER SYSTEMS AND METHODS FOR ULTRASONIC WELDING
Germany	602006019932.5-08	08/21/2006	Granted	1759802	02/02/2011	MULTIPLE PROBE POWER SYSTEMS AND METHODS FOR ULTRASONIC WELDING
Europe	06017374.7	08/21/2006	Granted	1759802	02/02/2011	MULTIPLE PROBE POWER SYSTEMS AND METHODS FOR ULTRASONIC WELDING
France	06017374.7	08/21/2006	Granted	1759802	02/02/2011	MULTIPLE PROBE POWER SYSTEMS AND METHODS FOR ULTRASONIC WELDING
United Kingdom	06017374.7	08/21/2006	Granted	1759802	02/02/2011	MULTIPLE PROBE POWER SYSTEMS AND METHODS FOR ULTRASONIC WELDING
United States	10/667,035	09/22/2003	Granted	7,225,965	06/05/2007	MULTIPLE PROBE POWER SYSTEMS AND METHODS FOR ULTRASONIC WELDING
China	200610064249.4	12/29/2006	Granted	ZL200610064249.4	11/14/2012	SYSTEMS AND METHODS FOR PROVIDING POWER TO ULTRASONIC WELDING PROBES
Europe	06027086.5	12/29/2006	Pending			SYSTEMS AND METHODS FOR PROVIDING POWER TO ULTRASONIC WELDING PROBES
Japan	2007-000194	01/04/2007	Granted	5165896	12/28/2012	SYSTEMS AND METHODS FOR PROVIDING POWER TO ULTRASONIC WELDING PROBES
United States	60/754,681	12/29/2005	Expired			SYSTEMS AND METHODS FOR PROVIDING POWER TO ULTRASONIC WELDING PROBES
United States	11/646865	12/28/2006	Granted	7,475,801	01/13/2009	SYSTEMS FOR PROVIDING CONTROLLED POWER TO ULTRASONIC WELDING PROBES
United States	60/798,641	05/08/2006	Expired			ULTRASONIC PRESS USING SERVO MOTOR WITH LINEAR ACTUATOR

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United States	11/800,562	05/07/2007	Granted	7,819,158	10/26/2010	ULTRASONIC PRESS USING SERVO MOTOR WITH INTEGRATED LINEAR ACTUATOR
WIPO	PCT/US2007/011011	05/07/2007	Expired			ULTRASONIC PRESS USING SERVO MOTOR WITH INTEGRATED LINEAR ACTUATOR
Switzerland	09005008.9	04/03/2009	Granted	2106899	05/22/2013	ULTRASONIC PRESS USING SERVO MOTOR AND DELAYED MOTION TECHNIQUE
China	201510543042.4	08/28/2015	Pending			ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
Czech Republic	09005008.9	04/03/2009	Granted	2106899	05/22/2013	ULTRASONIC PRESS USING SERVO MOTOR AND DELAYED MOTION TECHNIQUE
Germany	602009015811.2	04/03/2009	Granted	2106899	05/22/2013	ULTRASONIC PRESS USING SERVO MOTOR AND DELAYED MOTION TECHNIQUE
Europe	09005008.9	04/03/2009	Granted	2106899	05/22/2013	ULTRASONIC PRESS USING SERVO MOTOR AND DELAYED MOTION TECHNIQUE
Europe	15180842.5	08/13/2015	Pending			ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
France	09005008.9	04/03/2009	Granted	2106899	05/22/2013	ULTRASONIC PRESS USING SERVO MOTOR AND DELAYED MOTION TECHNIQUE
United Kingdom	09005008.9	04/03/2009	Granted	2106899	05/22/2013	ULTRASONIC PRESS USING SERVO MOTOR AND DELAYED MOTION TECHNIQUE
Italy	09005008.9	04/03/2009	Granted	2106899	05/22/2013	ULTRASONIC PRESS USING SERVO MOTOR AND DELAYED MOTION TECHNIQUE
Japan	2009-091656	04/06/2009	Granted	5542361	05/16/2014	ULTRASONIC PRESS USING SERVO MOTOR AND DELAYED MOTION TECHNIQUE
Japan	2015-168740	08/28/2015	Pending			ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
United States	61/042,574	04/04/2008	Expired			ULTRASONIC PRESS USING SERVO MOTOR WITH INTEGRATED LINEAR ACTUATOR
United States	12/418,093	04/03/2009	Granted	8,052,816	11/08/2011	ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
United States	13/245,021	09/26/2011	Granted	8,720,516	05/13/2014	ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION

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United States	14/209,273	03/13/2014	Pending			ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
United States	14/471,895	08/28/2014	Granted	9,144,937	09/29/2015	ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
United States	14/472,084	08/28/2014	Pending			ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
United States	14/472,352	08/28/2014	Pending			ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
United States	14/827,455	08/17/2015	Pending			ULTRASONIC PRESS USING SERVO MOTOR WITH DELAYED MOTION
Switzerland	11173749.0	07/13/2011	Granted	2407298	08/19/2015	VIBRATION WELDING SYSTEM
China	201110253624.0	07/14/2011	Pending			VIBRATION WELDING SYSTEM
China	201510513811.6	07/14/2011	Pending			VIBRATION WELDING SYSTEM
Czech Republic	11173749.0	07/13/2011	Granted	2407298	08/19/2015	VIBRATION WELDING SYSTEM
Germany	602011018860.7	07/13/2011	Granted	2407298	08/19/2015	TWO PHASE DRIVE SYSTEM FOR ULTRASONIC WELDING
Europe	11173749.0	07/13/2011	Granted	2407298	08/19/2015	VIBRATION WELDING SYSTEM
Europe	15181252.6	07/13/2011	Pending			TWO PHASE DRIVE SYSTEM FOR ULTRASONIC WELDING
France	11173749.0	07/13/2011	Granted	2407298	08/19/2015	TWO PHASE DRIVE SYSTEM FOR ULTRASONIC WELDING
United Kingdom	11173749.0	07/13/2011	Granted	2407298	08/19/2015	VIBRATION WELDING SYSTEM
Italy	11173749.0	07/13/2011	Granted	2407298	08/19/2015	VIBRATION WELDING SYSTEM
Japan	2011-155660	07/14/2011	Pending			VIBRATION WELDING SYSTEM
United States	12/835,781	07/14/2010	Granted	8,245,748	08/21/2012	VIBRATION WELDING SYSTEM
United States	13/553,990	07/20/2012	Granted	8,721,817	05/13/2014	VIBRATION WELDING SYSTEM
United States	61/823,101	05/14/2013	Expired			VIBRATION WELDERS WITH HIGH FREQUENCY VIBRATION, POSITION MOTION CONTROL, AND DELAYED WELD MOTION
United States	61/974,246	04/02/2014	Expired			VIBRATION WELDERS WITH HIGH FREQUENCY VIBRATION, POSITION MOTION CONTROL, AND DELAYED WELD MOTION
United States	14/277,249	05/14/2014	Pending			VIBRATION WELDERS WITH HIGH FREQUENCY VIBRATION, POSITION MOTION CONTROL, AND DELAYED WELD MOTION

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United States	61/846,162	07/15/2013	Expired			ADAPTER FOR ULTRASONIC TRANSDUCER ASSEMBLY
United States	14/326,900	07/09/2014	Pending			ADAPTER FOR ULTRASONIC TRANSDUCER ASSEMBLY
United States	61/902,830	11/12/2013	Expired			ROUND ENERGY DIRECTOR JOINT DESIGN FOR ULTRASONIC WELDING OF THERMOPLASTICS
United States	14/500,416	09/29/2014	Pending			ENERGY DIRECTOR JOINT DESIGN FOR ULTRASONIC WELDING OF THERMOPLASTICS
WIPO	PCT/US2014/058027	09/29/2014	Pending			ENERGY DIRECTOR JOINT DESIGN FOR ULTRASONIC WELDING OF THERMOPLASTICS