

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CoAxia, Inc.	04/16/2013
RECEIVING PARTY DATA	
Name:	Zoll Circulation, Inc.
Street Address:	650 Almanor Avenue
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94085
PROPERTY NUMBERS Total: 54	
Property Type	Number
Patent Number:	6231551
Patent Number:	6565552
Patent Number:	6635046
Patent Number:	6592557
Patent Number:	6743196
Patent Number:	6848448
Patent Number:	6767345
Patent Number:	6712806
Patent Number:	6796992
Patent Number:	7166097
Patent Number:	7867195
Patent Number:	7150736
Patent Number:	7468027
Patent Number:	6383172
Patent Number:	6896663

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Patent Number:	6942686
Patent Number:	7340298
Patent Number:	6161547
Patent Number:	6558356
Patent Number:	6878140
Patent Number:	6165199
Patent Number:	6312444
Patent Number:	6146370
Patent Number:	6623471
Patent Number:	6595980
Patent Number:	6887227
Patent Number:	6830579
Patent Number:	6626886
Patent Number:	6533800
Patent Number:	6840949
Patent Number:	6837881
Patent Number:	7374561
Patent Number:	7452352
Patent Number:	7635376
Patent Number:	8034043
Patent Number:	7457980
Patent Number:	8075584
Patent Number:	8221383
Patent Number:	8137374
Patent Number:	6555057
Patent Number:	6595963
Patent Number:	6736790
Patent Number:	6355010
Patent Number:	6217552
Patent Number:	6530894
Patent Number:	6379331
Patent Number:	6817985
Patent Number:	6758832
Patent Number:	6866647
Patent Number:	7993324

	12987849
Application Number:	13326167
Application Number:	09483370
Application Number:	11873332

# CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	ZOLL-COAXIA PATASSIGNMENT
NAME OF SUBMITTER:	John L. Rogitz
Signature:	/John L. Rogitz/
Date:	06/13/2013

Total Attachments: 7  
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## PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is entered into as of April 16, 2013, by and between ZOLL Circulation, Inc., a Delaware corporation ("Assignee"), and CoAxia, Inc., a Delaware corporation ("Assignor").

A. Assignor and Assignee are parties to that certain Asset Purchase Agreement dated as of the date hereof, pursuant to which Assignor has agreed to sell and Assignee has agreed to purchase, among other assets, all of the United States patents and patent applications set forth on the attached Schedule A (the "Patents").

B. Assignor is the sole and exclusive owner of the right, title and interest in, to and under the Patents, and Assignee wishes to acquire and Assignor wishes to transfer to Assignee all right, title and interest in, to and under the Patents.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, convey, transfer, assign and deliver to Assignee, the entire right, title and interest in and to the Patents, for the United States and for all foreign countries, and the inventions they claim (including subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding relating to any of the Patents and subject matter that could have been included as a claim in any of the Patents), and any and all continuations, divisionals, continuations-in-part, reissues, reexaminations, extensions, international applications or foreign equivalents thereof, which may be obtained therefrom for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all income, royalties, damages or payments due or payable as of the date hereof or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.


Assignor authorizes and requests the appropriate governmental authority to record Assignee as owner of the Patents, including any continuations, divisions, continuations-in-part, reissues, reexaminations, international applications or extensions thereof, and to issue any and all letters patent thereon to Assignee, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of Assignee, its successors, assigns or other legal representatives.

*[Signature Page Follows]*

IN WITNESS WHEREOF, the parties hereto have caused this Assignment to be executed as of the date first written above by their respective authorized representatives.

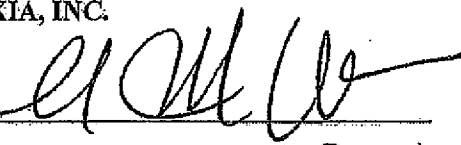
ASSIGNEE:

ZOLL CIRCULATION, INC.

By:   
Name: James Fabrizio  
Title: President

ASSIGNOR:

COAXIA, INC.

By:   
Name: Andrew M. Weiss  
Title: PRESIDENT & CEO  
ANDREW M. WEISS

[Signature Page to Patent Assignment]

**SCHEDULE A**  
**PATENTS**

<b>U.S. PATENT APPLICATIONS</b>			
<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Status</b>
09/260,371	03/01/99	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 6,231,551
09/528,969	03/20/00	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 6,565,552
09/531,443	03/20/00	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 6,635,046
09/802,822	03/09/01	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 6,592,557
09/841,929	04/24/01	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 6,743,196
10/057,252	01/23/02	Devices and Methods for Cerebral Perfusion Augmentation	Issued as 6,848,448
10/290,710	11/08/02	Partial Aortic Occlusion Devices and Methods for Renal and Coronary Perfusion Augmentation	Issued as 6,767,345
10/291,150	11/07/02	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 6,712,806
10/411,743	04/11/03	Cerebral Perfusion Augmentation	Issued as 6,796,992
10/947,808	09/22/04	Cerebral Perfusion Augmentation	Issued as 7,166,097
11/042,639	01/24/05	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 7,867,195
11/042,642	01/24/05	Cerebral Perfusion Augmentation	Issued as 7,150,736
11/256,549	10/21/05	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 7,468,027
12/987,849	1/10/11	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Allowed 1/3/2013
13/326,167	12/14/11	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Pending
09/285,939	04/02/99	Retrograde Venous Perfusion with Isolation of Cerebral Circulation	Issued as 6,383,172
10/143,334	05/07/02	Retrograde Venous Perfusion with Isolation of Cerebral Circulation	Issued as 6,896,663
10/286,940	11/01/02	Regulation of Cerebral Blood Flow by Temperature Change-Induced Vasodilation	Issued as 6,942,686

U.S. PATENT APPLICATIONS			
Serial No.	Filing Date	Title	Status
10/655,353	09/03/03	Enhancement of Cerebral Blood Flow by Electrical Nerve Stimulation	Issued as 7,340,298
09/232,438	01/15/99	Medical Device for Flow Augmentation in Patients with Occlusive Cerebrovascular Disease and Methods of Use	Issued as 6,161,547
09/559,307	04/25/00	Medical Device for Flow Augmentation in Patients with Occlusive Cerebrovascular Disease and Methods of Use	Issued as 6,558,356
10/431,051	05/06/03	Methods for Flow Augmentation in Patients with Occlusive Cerebrovascular Disease	Issued as 6,878,140
09/228,718	01/12/99	Medical Device for Removing Thromboembolic Material from Cerebral Arteries and Methods of Use	Issued as 6,165,199
09/547,951	04/12/00	Medical Device for Removing Thromboembolic Material from Cerebral Arteries and Methods of Use	Issued as 6,312,444
09/287,252	04/07/99	Devices and Methods for Preventing Distal Embolization From the Internal Carotid Artery Using Flow Reversal by Partial Occlusion of the External Carotid Artery	Issued as 6,146,370
09/687,150	10/12/00	Devices and Methods for Preventing Distal Embolization From the Internal Carotid Artery Using Flow Reversal by Partial Occlusion of the External Carotid Artery	Issued as 6,623,471
09/792,600	02/23/01	Devices and Methods for Preventing Distal Embolization Using Flow Reversal by Occlusion of the Brachiocephalic Artery	Issued as 6,595,980
09/792,732	02/23/01	Devices and Methods for Preventing Distal Embolization from the Vertebrobasilar Artery Using Flow Reversal	Issued as 6,887,227
09/847,425	05/02/01	Devices and Methods for Preventing Distal Embolization Using Flow Reversal and Perfusion Augmentation Within the Cerebral Vasculature	Issued as 6,830,579
09/909,642	07/20/01	Devices and Methods for Preventing Distal Embolization During Interventional Procedures	Issued as 6,626,886
09/915,648	07/25/01	Devices and Methods for Preventing Distal Embolization Using Flow Reversal in Arteries Having Collateral Blood Flow	Issued as 6,533,800

<b>U.S. PATENT APPLICATIONS</b>			
<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Status</b>
10/387,983	03/12/03	Devices and Methods for Preventing Distal Embolization Using Flow Reversal in Arteries Having Collateral Blood Flow	Issued as 6,840,949
10/614,439	07/02/03	Devices and Methods for Preventing Distal Embolization Using Flow Reversal by Partial Occlusion of the Brachiocephalic Artery	Issued as 6,837,881
10/676,814	09/30/03	Devices and Methods for Preventing Distal Embolization During Interventional Procedures	Issued as 7,374,561
11/004,110	12/02/04	Devices and Methods for Preventing Distal Embolization from the Vertebrobasilar Artery Using Flow Reversal	Issued as 7,452,352
11/011,948	12/13/04	Devices and Methods for Preventing Distal Embolization Using Flow Reversal and Perfusion Augmentation Within the Cerebral Vasculature	Issued as 7,635,376
11/020,763	12/22/04	Devices and Methods for Preventing Distal Embolization Using Flow Reversal by Occlusion of the Brachiocephalic Artery	Issued as 8,034,043
11/033,608	01/11/05	Devices and Methods for Preventing Distal Embolization Using Flow Reversal in Arteries Having Collateral Blood Flow	Issued as 7,457,980
11/787,880	4/17/07	Devices and Methods for Preventing Distal Embolization Using Flow Reversal in Arteries Having Collateral Blood Flow	Issued as 8,075,584
12/255,873	10/22/08	Devices and Methods for Preventing Distal Embolization from the Vertebrobasilar Artery Using Flow Reversal	Issued as 8,221,383
12/639,901	12/16/09	Devices and Methods for Preventing Distal Embolization Using Flow Reversal and Perfusion Augmentation Within the Cerebral Vasculature	Issued as 8,137,374
13/323,112	12/12/11	Devices and Methods for Preventing Distal Embolization Using Flow Reversal and Perfusion Augmentation Within the Cerebral Vasculature	Pending
09/483,370	01/14/00	Intravascular Methods and Apparatus for Isolation and Selective Cooling of the Cerebral Vasculature During Surgical Procedures	Issued as 6,555,057 *



<b>U.S. PATENT APPLICATIONS</b>			
<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Status</b>
09/658,482	09/07/00	Aortic Shunt for Selective Cerebral Perfusion in Stroke and Cardiac Arrest	Issued as 6,595,963
09/904,016	07/11/01	Method and System for Selective or Isolated Integrate Cerebral Perfusion and Cooling	Issued as 6,736,790 *
09/282,771	03/31/99	Intravascular Spinal Perfusion and Cooling for Use During Aortic Surgery	Issued as 6,355,010
09/287,969	04/07/99	Medical Device for Selective Intrathecal Spinal Cooling in Aortic Surgery and Spinal Trauma	Issued as 6,217,552
09/440,989	11/16/99	Aortic Shunt with Spinal Perfusion and Cooling Device	Issued as 6,530,894
09/823,168	03/29/01	Medical Device for Selective Intrathecal Spinal Cooling in Aortic Surgery and Spinal Trauma	Issued as 6,379,331
10/045,421	01/11/02	Intravascular Spinal Perfusion and Cooling for Use During Aortic Surgery	Issued as 6,817,985
10/092,743	03/05/02	Medical Device for Intrathecal Cerebral Cooling and Methods for Use	Issued as 6,758,832
10/383,482	03/06/03	Aortic Shunt with Spinal Perfusion and Cooling Device	Issued as 6,866,647
11/873,332	10/16/07	Counterpulsation Device with Increased Volume Displacement Efficiency and Methods of Use	Pending
12/477,838	6/3/09	Cerebral perfusion augmentation	Issued as 7,993,324

<b>CANADA PATENT APPLICATIONS</b>			
<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Status</b>
2,444,878	04/19/02	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 2,444,878

<b>EUROPEAN PATENT OFFICE (EPO) APPLICATIONS</b>			
<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Status</b>
00917675.1	02/25/00	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as EP 1,156,848
00917675.1	02/25/00	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as NL 1156848
00917675.1	02/25/00	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as FR 1156848

<b>EUROPEAN PATENT OFFICE (EPO) APPLICATIONS</b>			
<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Status</b>
00917675.1	02/25/00	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as GB 1156848
00917675.1	02/25/00	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as CH 1156848
00917675.1	02/25/00	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as DE 60040969.4

<b>JAPANESE PATENTS AND PATENT APPLICATIONS</b>			
<b>Serial No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Status</b>
2002-583016	04/19/02	Partial Aortic Occlusion Devices and Methods for Cerebral Perfusion Augmentation	Issued as 4270877