

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeffrey J. Nummerdor</td> <td>08/13/2010</td> </tr> <tr> <td>Lung-Hwa Hsieh</td> <td>08/24/2010</td> </tr> <tr> <td>Justin Russell Morga</td> <td>08/17/2010</td> </tr> <tr> <td>Scott Burgess</td> <td>04/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jeffrey J. Nummerdor	08/13/2010	Lung-Hwa Hsieh	08/24/2010	Justin Russell Morga	08/17/2010	Scott Burgess	04/05/2010
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>CTS Corporation</td> </tr> <tr> <td>Street Address:</td> <td>905 West Boulevard North</td> </tr> <tr> <td>City:</td> <td>Elkhart</td> </tr> <tr> <td>State/Country:</td> <td>INDIANA</td> </tr> <tr> <td>Postal Code:</td> <td>46514</td> </tr> </table>		Name:	CTS Corporation	Street Address:	905 West Boulevard North	City:	Elkhart	State/Country:	INDIANA	Postal Code:	46514
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (630)577-8895</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 630-577-8891</p> <p>Email: joan.ramm@ctscorp.com</p> <p>Correspondent Name: Daniel J. Deneufbourg, Esq.</p> <p>Address Line 1: CTS Corporation</p> <p>Address Line 2: 2375 Cabot Drive</p> <p>Address Line 4: Lisle, ILLINOIS 60532</p>											
ATTORNEY DOCKET NUMBER:	WC0212										
NAME OF SUBMITTER:	Daniel J. Deneufbourg										
Total Attachments: 4											

CH \$40.00 12586013

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PATENT
REEL: 024938 FRAME: 0611

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ASSIGNMENT

WHEREAS, I, Jeffrey J. Nummerdor, of the City of Rio Rancho, Sandoval County, New Mexico, have made a certain new and useful invention entitled "RF MONOBLOCK FILTER ASSEMBLY WITH LID FILTER", including the subject matter described and claimed in the provisional application for Letters Patent of the United States, U.S. Provisional Application Serial No. 12/586,013 filed September 16, 2009; and

WHEREAS, CTS CORPORATION, a corporation duly organized under the laws of the State of Indiana and doing business in the City of Elkhart, the County of Elkhart and the State of Indiana, is desirous of acquiring the full and exclusive right, title and interest which I have or may have in and to the invention and the application, including any non-provisional, continuation and any division of the application, and any Letters Patent of the United States and of foreign countries that may be granted for the invention, and any renewal, any reissue and any extension of any such Letters Patent;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, I do hereby assign to CTS CORPORATION all the right, title and interest which I have or may have in and to the invention and the provisional and non-provisional applications and any Letters Patent of the United States and of foreign countries that may be granted for the invention and any renewal, any reissue and any extension of any such Letters Patent; the same to be held and enjoyed by CTS CORPORATION, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment had not been made; and I hereby covenant and warrant that I have not executed and will not execute any instrument purporting to convey, mortgage, lease or otherwise transfer all, or any part of the interest, to anyone other than CTS CORPORATION, its successors, legal representatives and assigns.

And, for the above consideration, I hereby covenant and agree that I will, at the request of CTS CORPORATION, its successors, legal representatives and assigns, execute any and all non-provisional, renewal, continuation and divisional applications, both United States and foreign, for Letters Patent for the invention; and any and all applications for the renewal, the reissue and the extension of any Letters Patent, both United States and foreign, that may be granted for the invention and do any and all other and further acts to obtain any such Letters Patent, and any renewal, any reissue and any extension of the same that CTS CORPORATION, its successors, legal representatives and assigns may deem necessary or expedient, without further compensation, but at the expense of CTS CORPORATION, its successors, legal representatives and assigns.

Dated: 8/13/10

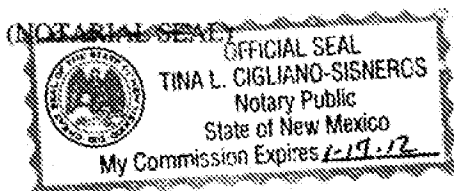

Jeffrey J. Nummerdor

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

I, Tina L. Cigliano-Sisneros Notary Public in and for said County, in the United States, do hereby certify that Jeffrey J. Nummerdor, personally known to me to be the same person whose name is subscribed to in the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered such instrument as his free and voluntary act for the uses and purposes set forth.

GIVEN under my hand and Notarial Seal this 13th day of August, 2010.


NOTARY PUBLIC



ASSIGNMENT

WHEREAS, I, Lung-Hwa Hsieh, of the City of Albuquerque, Bernalillo County, New Mexico, have made a certain new and useful invention entitled "RF MONOBLOCK FILTER ASSEMBLY WITH LID FILTER", including the subject matter described and claimed in the provisional application for Letters Patent of the United States, U.S. Provisional Application Serial No. 12/586,013 filed September 16, 2009; and

WHEREAS, CTS CORPORATION, a corporation duly organized under the laws of the State of Indiana and doing business in the City of Elkhart, the County of Elkhart and the State of Indiana, is desirous of acquiring the full and exclusive right, title and interest which I have or may have in and to the invention and the application, including any non-provisional, continuation and any division of the application, and any Letters Patent of the United States and of foreign countries that may be granted for the invention, and any renewal, any reissue and any extension of any such Letters Patent;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, I do hereby assign to CTS CORPORATION all the right, title and interest which I have or may have in and to the invention and the provisional and non-provisional applications and any Letters Patent of the United States and of foreign countries that may be granted for the invention and any renewal, any reissue and any extension of any such Letters Patent; the same to be held and enjoyed by CTS CORPORATION, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment had not been made; and I hereby covenant and warrant that I have not executed and will not execute any instrument purporting to convey, mortgage, lease or otherwise transfer all, or any part of the interest, to anyone other than CTS CORPORATION, its successors, legal representatives and assigns.

And, for the above consideration, I hereby covenant and agree that I will, at the request of CTS CORPORATION, its successors, legal representatives and assigns, execute any and all non-provisional, renewal, continuation and divisional applications, both United States and foreign, for Letters Patent for the invention; and any and all applications for the renewal, the reissue and the extension of any Letters Patent, both United States and foreign, that may be granted for the invention and do any and all other and further acts to obtain any such Letters Patent, and any renewal, any reissue and any extension of the same that CTS CORPORATION, its successors, legal representatives and assigns may deem necessary or expedient, without further compensation, but at the expense of CTS CORPORATION, its successors, legal representatives and assigns.

Dated: 8/24/10


Lung-Hwa Hsieh

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

I, _____, Notary Public in and for said County, in the United States, do hereby certify that Lung-Hwa Hsieh, personally known to me to be the same person whose name is subscribed to in the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered such instrument as his free and voluntary act for the uses and purposes set forth.

GIVEN under my hand and Notarial Seal this _____ day of _____, 2010.

NOTARY PUBLIC

(NOTARIAL SEAL)

ASSIGNMENT

WHEREAS, I, Justin Russell Morga, of the City of Edgewood, County of Torrance, in the State of New Mexico, have made a certain new and useful invention entitled "RF MONOBLOCK FILTER ASSEMBLY WITH LID FILTER", including the subject matter described and claimed in the provisional application for Letters Patent of the United States, U.S. Provisional Application Serial No. 12/586,013 filed September 16, 2009; and

WHEREAS, CTS CORPORATION, a corporation duly organized under the laws of the State of Indiana and doing business in the City of Elkhart, the County of Elkhart and the State of Indiana, is desirous of acquiring the full and exclusive right, title and interest which I have or may have in and to the invention and the application, including any non-provisional, continuation and any division of the application, and any Letters Patent of the United States and of foreign countries that may be granted for the invention, and any renewal, any reissue and any extension of any such Letters Patent;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, I do hereby assign to CTS CORPORATION all the right, title and interest which I have or may have in and to the invention and the provisional and non-provisional applications and any Letters Patent of the United States and of foreign countries that may be granted for the invention and any renewal, any reissue and any extension of any such Letters Patent; the same to be held and enjoyed by CTS CORPORATION, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment had not been made; and I hereby covenant and warrant that I have not executed and will not execute any instrument purporting to convey, mortgage, lease or otherwise transfer all, or any part of the interest, to anyone other than CTS CORPORATION, its successors, legal representatives and assigns.

And, for the above consideration, I hereby covenant and agree that I will, at the request of CTS CORPORATION, its successors, legal representatives and assigns, execute any and all non-provisional, renewal, continuation and divisional applications, both United States and foreign, for Letters Patent for the invention; and any and all applications for the renewal, the reissue and the extension of any Letters Patent, both United States and foreign, that may be granted for the invention and do any and all other and further acts to obtain any such Letters Patent, and any renewal, any reissue and any extension of the same that CTS CORPORATION, its successors, legal representatives and assigns may deem necessary or expedient, without further compensation, but at the expense of CTS CORPORATION, its successors, legal representatives and assigns.

Dated: 8-17-10

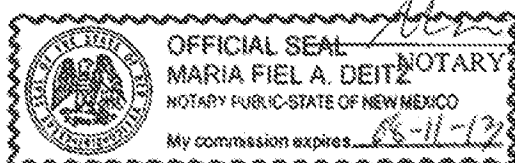

Justin Russell Morga

STATE OF NEW MEXICO)
 SANTA FE) SS
COUNTY OF TORRANCE)

I, _____, Notary Public in and for said County, in the United States, do hereby certify that Justin Russell Morga, personally known to me to be the same person whose name is subscribed to in the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered such instrument as his free and voluntary act for the uses and purposes set forth.

GIVEN under my hand and Notarial Seal this 17th day of August, 2010.

(NOTARIAL SEAL)



ASSIGNMENT

WHEREAS, I, Scott Burgess, of the City of Nashua, Hillsborough County, New Hampshire, have made a certain new and useful invention entitled "RF MONOBLOCK FILTER ASSEMBLY WITH LID FILTER", including the subject matter described and claimed in the provisional application for Letters Patent of the United States, U.S. Provisional Application Serial No. 12/586,013 filed September 16, 2009; and

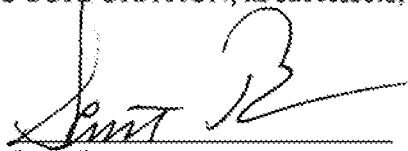
WHEREAS, CTS CORPORATION, a corporation duly organized under the laws of the State of Indiana and doing business in the City of Elkhart, the County of Elkhart and the State of Indiana, is desirous of acquiring the full and exclusive right, title and interest which I have or may have in and to the invention and the application, including any non-provisional, continuation and any division of the application, and any Letters Patent of the United States and of foreign countries that may be granted for the invention, and any renewal, any reissue and any extension of any such Letters Patent;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, I do hereby assign to CTS CORPORATION all the right, title and interest which I have or may have in and to the invention and the provisional and non-provisional applications and any Letters Patent of the United States and of foreign countries that may be granted for the invention and any renewal, any reissue and any extension of any such Letters Patent; the same to be held and enjoyed by CTS CORPORATION, its successors, legal representatives and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment had not been made; and I hereby covenant and warrant that I have not executed and will not execute any instrument purporting to convey, mortgage, lease or otherwise transfer all, or any part of the interest, to anyone other than CTS CORPORATION, its successors, legal representatives and assigns.

And, for the above consideration, I hereby covenant and agree that I will, at the request of CTS CORPORATION, its successors, legal representatives and assigns, execute any and all non-provisional, renewal, continuation and divisional applications, both United States and foreign, for Letters Patent for the invention; and any and all applications for the renewal, the reissue and the extension of any Letters Patent, both United States and foreign, that may be granted for the invention and do any and all other and further acts to obtain any such Letters Patent, and any renewal, any reissue and any extension of the same that CTS CORPORATION, its successors, legal representatives and assigns may deem necessary or expedient, without further compensation, but at the expense of CTS CORPORATION, its successors, legal representatives and assigns.

Dated: 4/5/10

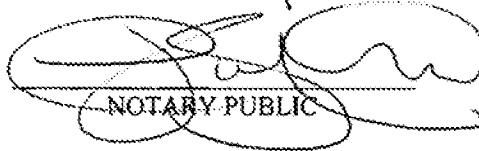


Scott Burgess

STATE OF NEW HAMPSHIRE)
) SS
COUNTY OF HILLSBOROUGH)

I, Pamela J Sullivan Notary Public in and for said County, in the United States, do hereby certify that Scott Burgess, personally known to me to be the same person whose name is subscribed to in the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered such instrument as his free and voluntary act for the uses and purposes set forth.

GIVEN under my hand and Notarial Seal this 5th day of April, 2010.


NOTARY PUBLIC

(NOTARIAL SEAL)

PAMELA J. SULLIVAN, Notary Public
My Commission Expires May 20, 2014

RECORDED: 09/03/2010

PATENT
REEL: 024938 FRAME: 0616