

01-03-2001



101570200

Docket No.: WC0015-A

**FORM COVER SHEET**

**PATENT APPLICATION**

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereto:

**1. Name of conveying party(ies):**

Name: Brian C. Walker  
Reddy Vangala

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**2. Name and address of receiving party(ies):**

Name: CTS Wireless Components  
Attn: Maria Pilolla  
171 Covington Drive  
Bloomington, Illinois 60108

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 1, 2000

**4. Application number(s) or patent number(s):**

If the document is being filed together with a new application, the execution date of the application is: 11/28/00

A. Patent Application No(s).  
B. Patent No(s). N/A

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

Name: CTS Wireless Components  
Attn: Maria Pilolla  
171 Covington Drive  
Bloomington, Illinois 60108

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 3.41) \$40.00**

☐ Enclosed  
☒ Authorized to be charged to deposit account

01/02/2001 MTHAI1 00000167 031677 09734957

01 FC:581 8. Deposit account number: 03-1677

(Attached duplicate copy of this page)

**9. Statement and signature.**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Steven Weseman  
Name of Person Signing  
Reg. No 41,372

Signature

11/28/00  
Date

Total number of pages comprising cover sheet: [ 1 ]

**PATENT**  
**REEL: 011380 FRAME: 0921**

jc825 U.S. PTO  
09/734957  
12/11/00

## ASSIGNMENT

WHEREAS, I, Brian C. Walker of the City of West Lafayette, County of Tippecanoe in the State of Indiana, have made a certain new and useful invention entitled "COST EFFECTIVE DUAL MODE DIELECTRIC RF FILTER", including the subject matter described and claimed in the application for Letters Patent of the United States duly executed by the undersigned concurrently herewith on November 1<sup>st</sup>, 2000

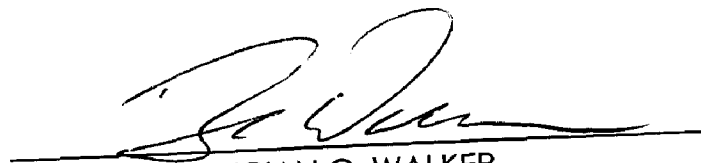
WHEREAS, CTS CORPORATION, a corporation duly organized under the laws of the State of Indiana and doing business in the City of Elkhart, the County of Elkhart and the State of Indiana, is desirous of acquiring the full and exclusive right, title and interest which I have or may have in and to said invention and said application, including any continuation and any division of said application, and any Letters Patent of the United States and of foreign countries that may be granted for said 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 sell, assign, transfer and set over unto the said CTS CORPORATION all the right, title and interest which I have or may have in and to said invention and said application and any Letters Patent of the United States and of foreign countries that may be granted for said invention and any renewal, any reissue and any extension of any such Letters Patent; the same to be held and enjoyed by said 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 said interest, to anyone other than said CTS CORPORATION, its successors, legal representatives and assigns.

I authorize and request the Commissioner of Patents of the United States to issue any Letters Patent which may be granted upon the aforesaid application or applications to CTS CORPORATION.

And, for the above consideration, I hereby covenant and agree that I will, at the request of said CTS CORPORATION, its successors, legal representatives and assigns, execute any and all renewal, continuation and divisional applications, both United States and foreign, for Letters Patent for said 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 said 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 said CTS CORPORATION, its successors, legal representatives and assigns may deem necessary or expedient, without further compensation, but at the expense of said CTS CORPORATION, its successors, legal representatives and assigns.

  
BRIAN C. WALKER

## ASSIGNMENT

WHEREAS, I, Reddy Vangala of the City of Albuquerque County of BERNALILLO, in the State of New Mexico, have made a certain new and useful invention entitled "COST EFFECTIVE DUAL MODE DIELECTRIC RF FILTER", including the subject matter described and claimed in the application for Letters Patent of the United States duly executed by the undersigned concurrently herewith on November 17, 2000.

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 said invention and said application, including any continuation and any division of said application, and any Letters Patent of the United States and of foreign countries that may be granted for said 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 sell, assign, transfer and set over unto the said CTS CORPORATION all the right, title and interest which I have or may have in and to said invention and said application and any Letters Patent of the United States and of foreign countries that may be granted for said invention and any renewal, any reissue and any extension of any such Letters Patent; the same to be held and enjoyed by said 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 said interest, to anyone other than said CTS CORPORATION, its successors, legal representatives and assigns.

I authorize and request the Commissioner of Patents of the United States to issue any Letters Patent which may be granted upon the aforesaid application or applications to CTS CORPORATION.

And, for the above consideration, I hereby covenant and agree that I will, at the request of said CTS CORPORATION, its successors, legal representatives and assigns, execute any and all renewal, continuation and divisional applications, both United States and foreign, for Letters Patent for said 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 said 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 said CTS CORPORATION, its successors, legal representatives and assigns may deem necessary or expedient, without further compensation, but at the expense of said CTS CORPORATION, its successors, legal representatives and assigns.

  
REDDY VANGALA