

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ranga Nadig	06/20/2005
Ram Chandran	06/20/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Holtec International Inc.
<b>Street Address:</b>	555 Lincoln Drive, West
<b>City:</b>	Marlton
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	05053
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11158701
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	Michael B. Fein
<b>Total Attachments: 4</b> source=160500 assign#page1.tif source=160500 assign#page2.tif source=160500 assign#page3.tif source=160500 assign#page4.tif	

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**PATENT**  
**REEL: 016520 FRAME: 0136**

**(New Application)**

**ASSIGNMENT**

WHEREAS, we **Ranga Nadig, Ram Chandran and Michael Phipps**, hereinafter referred to as the assignors, residing respectively at **141 Lucerne Blvd, Cherry Hill, NJ 08003; 405A Cypress Point Circle, Mt. Laurel, NJ 08054; and 86 Lakeside Drive, Marlton, NJ 08053** are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Case No. **160500** entitled **TUBE FIN ASSEMBLY FOR HEAT EXCHANGER AND METHOD** and

WHEREAS, **HOLTEC INTERNATIONAL INC.** hereinafter referred to as the assignee, of **555 Lincoln Drive, West, Marlton, NJ 08053** a corporation of **New Jersey** is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

DOCKET NO. @@

PATENT  
Joint Inventors

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

We further authorize and direct my attorneys to insert below\* the serial number and filing date of said application now identified as Case No. **160500** as soon as the same shall have been made known to them by the United States Patent Office.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

June 20, 2005                      Ranganadig (L.S.)  
Date                                      Ranga Nadig

STATE OF New Jersey:  
COUNTY OF Burlington                      SS

On this 20<sup>th</sup> day of June, year of 2005, before me, the undersigned officer, personally came the above named **Ranga Nadig**, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.


Maria C. Massi  
Notary Public

MARIA C. MASSI  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires April 25, 2010

DOCKET NO. @@


PATENT  
Joint Inventors

June 20, 2005  
Date

 (L.S.)  
Ram Chandran

STATE OF New Jersey  
COUNTY OF Burlington SS

On this 20<sup>th</sup> day of June, year of 2005, before me, the undersigned officer, personally came the above named **Ram Chandran**, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

  
Notary Public

MARIA C. MASSI  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires April 25, 2010

DOCKET NO. @@

PATENT  
Joint Inventors

JUNE 20, 2005  
Date

Michael Phipps (L.S.)  
Michael Phipps

STATE OF New Jersey  
COUNTY OF Burlington

SS

On this 21<sup>st</sup> day of June, year of 2005, before me, the undersigned officer, personally came the above named **Michael Phipps**, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Maria C. Massi  
Notary Public

MARIA C. MASSI  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires April 25, 2010

\* The above assignment covers application Serial No. 11/158,701  
filed on JUNE 22, year of 2005.

The above insertion made by me this 9<sup>th</sup> day of Sept,  
year of 2005.

Michael B. Fein  
of **COZEN O'CONNOR**  
Name: Michael B. Fein  
Registration No. 25,333