



# ThermoTek™ Patents

| Document/Patent number | Title                                                                                                                                   | Inventor name             | Publication date | Pages |
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| US-10918843-B2         | Wound care and infusion method and system utilizing a thermally-treated therapeutic agent                                               | Quisenberry; Tony         | 2/16/2021        | 29    |
| US-20200360579-A1      | WOUND CARE AND INFUSION METHOD AND SYSTEM UTILIZING A THERAPEUTIC AGENT                                                                 | QUISENBERRY; Tony         | 11/19/2020       | 26    |
| US-10765785-B2         | Wound care and infusion method and system utilizing a therapeutic agent                                                                 | Quisenberry; Tony         | 9/8/2020         | 31    |
| US-10760827-B2         | Method and system for maximizing the thermal properties of a thermoelectric cooler and use therewith in association with hybrid cooling | Quisenberry; Tony         | 9/1/2020         | 15    |
| US-20200046597-A1      | METHOD AND APPARATUS FOR SCALP THERMAL TREATMENT                                                                                        | QUISENBERRY; Tony et al.  | 2/13/2020        | 28    |
| US-20200046569-A1      | WOUND CARE METHOD AND SYSTEM WITH ONE OR BOTH OF VACUUM-LIGHT THERAPY AND THERMALLY AUGMENTED OXYGENATION                               | QUISENBERRY; Tony         | 2/13/2020        | 22    |
| US-20200046956-A1      | WOUND CARE METHOD AND SYSTEM WITH ONE OR BOTH OF VACUUM-LIGHT THERAPY AND THERMALLY AUGMENTED OXYGENATION                               | Parish; Overton L. et al. | 2/13/2020        | 19    |
| US-10512587-B2         | Method and apparatus for scalp thermal treatment                                                                                        | Quisenberry; Tony et al.  | 12/24/2019       | 33    |
| US-10507131-B2         | Method and system for thermal and compression therapy relative to the prevention of deep vein thrombosis                                | Parish; Overton L. et al. | 12/17/2019       | 27    |
| US-10507140-B2         | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation                               | Quisenberry; Tony         | 12/17/2019       | 27    |
| US-10507311-B2         | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation                               | Quisenberry; Tony         | 12/17/2019       | 23    |
| US-20190293323-A1      | VEHICLE AIR COMFORT SYSTEM AND METHOD                                                                                                   | Quisenberry; Tony et al.  | 9/26/2019        | 14    |

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| US-20190255232-A1 | WOUND CARE AND INFUSION METHOD AND SYSTEM UTILIZING A THERAPEUTIC AGENT                                                                 | QUISENBERRY; Tony et al.  | 8/22/2019  | 35 |
| US-10359216-B2    | Vehicle air comfort system and method                                                                                                   | Quisenberry; Tony et al.  | 7/23/2019  | 16 |
| US-10300180-B1    | Wound care and infusion method and system utilizing a therapeutic agent                                                                 | Quisenberry; Tony et al.  | 5/28/2019  | 39 |
| US-20190154314-A1 | METHOD AND SYSTEM FOR MAXIMIZING THE THERMAL PROPERTIES OF A THERMOELECTRIC COOLER AND USE THEREWITH IN ASSOCIATION WITH HYBRID COOLING | QUISENBERRY; Tony         | 5/23/2019  | 14 |
| US-10272258-B2    | Method and system for wound care                                                                                                        | Quisenberry; Tony et al.  | 4/30/2019  | 19 |
| US-10215454-B2    | Method and system for maximizing the thermal properties of a thermoelectric cooler and use therewith in association with hybrid cooling | Quisenberry; Tony         | 2/26/2019  | 15 |
| US-10149927-B2    | Method and system for therapeutic use of ultra-violet light                                                                             | Quisenberry; Tony         | 12/11/2018 | 23 |
| US-10016583-B2    | Wound care and infusion method and system utilizing a thermally-treated therapeutic agent                                               | Quisenberry; Tony         | 7/10/2018  | 28 |
| US-9950148-B2     | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation                               | Quisenberry; Tony         | 4/24/2018  | 22 |
| US-20180055721-A1 | METHOD AND APPARATUS FOR SCALP THERMAL TREATMENT                                                                                        | Quisenberry; Tony et al.  | 3/1/2018   | 28 |
| US-20180050182-A1 | WOUND CARE METHOD AND SYSTEM WITH ONE OR BOTH OF VACUUM-LIGHT THERAPY AND THERMALLY AUGMENTED OXYGENATION                               | QUISENBERRY; Tony         | 2/22/2018  | 19 |
| US-9877864-B2     | Compression sequenced thermal therapy system                                                                                            | Parish; Overton L. et al. | 1/30/2018  | 19 |
| US-9877409-B2     | Method for automotive battery cooling                                                                                                   | Quisenberry; Tony         | 1/23/2018  | 13 |
| US-20170284711-A1 | VEHICLE AIR COMFORT SYSTEM AND METHOD                                                                                                   | Quisenberry; Tony et al.  | 10/5/2017  | 14 |
| US-20170246364-A1 | METHOD AND SYSTEM FOR WOUND CARE                                                                                                        | Quisenberry; Tony et al.  | 8/31/2017  | 15 |
| US-9719703-B2     | Vehicle air comfort system and method                                                                                                   | Quisenberry; Tony et al.  | 8/1/2017   | 15 |

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| US-20170181895-A1 | WOUND CARE METHOD AND SYSTEM WITH ONE OR BOTH OF VACUUM-LIGHT THERAPY AND THERMALLY AUGMENTED OXYGENATION                               | Quisenberry; Tony         | 6/29/2017  | 22 |
| US-9669233-B2     | Method and system for wound care                                                                                                        | Quisenberry; Tony et al.  | 6/6/2017   | 19 |
| US-20170119940-A1 | WOUND CARE AND INFUSION METHOD AND SYSTEM UTILIZING A THERAPEUTIC AGENT                                                                 | Quisenberry; Tony         | 5/4/2017   | 26 |
| US-9616210-B2     | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation                               | Quisenberry; Tony         | 4/11/2017  | 26 |
| US-20160338873-A1 | COMPRESSION SEQUENCED THERMAL THERAPY SYSTEM                                                                                            | Parish; Overton L. et al. | 11/24/2016 | 15 |
| US-20160341454-A1 | METHOD AND SYSTEM FOR MAXIMIZING THE THERMAL PROPERTIES OF A THERMOELECTRIC COOLER AND USE THEREWITH IN ASSOCIATION WITH HYBRID COOLING | Quisenberry; Tony         | 11/24/2016 | 14 |
| US-9433525-B2     | Compression sequenced thermal therapy system                                                                                            | Parish; Overton L. et al. | 9/6/2016   | 19 |
| US-9435553-B2     | Method and system for maximizing thermal properties of a thermoelectric cooler and use therewith in association with hybrid cooling     | Quisenberry; Tony         | 9/6/2016   | 15 |
| US-20160030236-A1 | COMPRESSION SEQUENCED THERMAL THERAPY SYSTEM                                                                                            | Parish; Overton L. et al. | 2/4/2016   | 15 |
| US-9192539-B2     | Method and system for thermal and compression therapy relative to the prevention of deep vein thrombosis                                | Parish; Overton L. et al. | 11/24/2015 | 25 |
| US-20150328042-A1 | METHOD AND SYSTEM FOR THERMAL AND COMPRESSION THERAPY RELATIVE TO THE PREVENTION OF DEEP VEIN THROMBOSIS                                | Parish; Overton L. et al. | 11/19/2015 | 23 |
| US-9180041-B2     | Compression sequenced thermal therapy system                                                                                            | Parish; Overton L. et al. | 11/10/2015 | 17 |
| US-20150318588-A1 | METHOD AND SYSTEM FOR AUTOMOTIVE BATTERY COOLING                                                                                        | Quisenberry; Tony         | 11/5/2015  | 10 |
| US-9119705-B2     | Method and system for thermal and compression therapy relative to the prevention of deep vein thrombosis                                | Parish; Overton L. et al. | 9/1/2015   | 25 |
| US-20150233647-A1 | METHOD AND SYSTEM OF HEAT DISSIPATION UTILIZING A HEAT PIPE IN COMBINATION WITH AN EXTRUDED HEAT SINK                                   | Quisenberry; Tony et al.  | 8/20/2015  | 16 |
| US-9113577-B2     | Method and system for automotive battery cooling                                                                                        | Quisenberry; Tony         | 8/18/2015  | 13 |

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| US-8940034-B2     | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation | Quisenberry; Tony         | 1/27/2015  | 25 |
| US-20140323949-A1 | WOUND CARE METHOD AND SYSTEM WITH ONE OR BOTH OF VACUUM-LIGHT THERAPY AND THERMALLY AUGMENTED OXYGENATION | Quisenberry; Tony         | 10/30/2014 | 22 |
| US-8839633-B2     | Vehicle air comfort system and method                                                                     | Quisenberry; Tony et al.  | 9/23/2014  | 15 |
| US-20140257175-A1 | WOUND CARE AND INFUSION METHOD AND SYSTEM UTILIZING A THERMALLY-TREATED THERAPEUTIC AGENT                 | Quisenberry; Tony         | 9/11/2014  | 25 |
| US-20140249455-A1 | METHOD AND SYSTEM FOR THERMAL AND COMPRESSION THERAPY RELATIVE TO THE PREVENTION OF DEEP VEIN THROMBOSIS  | Parish; Overton L. et al. | 9/4/2014   | 22 |
| US-20140228717-A1 | COMPRESSION SEQUENCED THERMAL THERAPY SYSTEM                                                              | Parish; Overton L. et al. | 8/14/2014  | 15 |
| US-8778005-B2     | Method and system for thermal and compression therapy relative to the prevention of deep vein thrombosis  | Parish; Overton L. et al. | 7/15/2014  | 26 |
| US-8758419-B1     | Contact cooler for skin cooling applications                                                              | Quisenberry; Tony et al.  | 6/24/2014  | 21 |
| US-8753383-B2     | Compression sequenced thermal therapy system                                                              | Parish; Overton L. et al. | 6/17/2014  | 18 |
| US-20140052054-A1 | WOUND CARE METHOD AND SYSTEM WITH ONE OR BOTH OF VACUUM-LIGHT THERAPY AND THERMALLY AUGMENTED OXYGENATION | Quisenberry; Tony         | 2/20/2014  | 19 |
| US-20140027935-A1 | METHOD AND SYSTEM FOR LASER ABRASION OF OPTICAL FIBERS                                                    | Quisenberry; Tony et al.  | 1/30/2014  | 10 |
| US-8632576-B2     | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation | Quisenberry; Tony         | 1/21/2014  | 21 |
| US-8621875-B2     | Method of removing heat utilizing geometrically reoriented low-profile phase plane heat pipes             | Parish; Overton L. et al. | 1/7/2014   | 30 |
| US-20130331767-A1 | WOUND CARE METHOD AND SYSTEM WITH ONE OR BOTH OF VACUUM-LIGHT THERAPY AND THERMALLY AUGMENTED OXYGENATION | Quisenberry; Tony         | 12/12/2013 | 22 |
| US-8574278-B2     | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation | Quisenberry; Tony         | 11/5/2013  | 25 |
| US-20130281947-A1 | METHOD AND SYSTEM FOR THERAPEUTIC USE OF ULTRA-VIOLET LIGHT                                               | Quisenberry; Tony         | 10/24/2013 | 19 |

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| US-D683042-S  | Calf wrap                                                                                                 | Quisenberry; Tony             | 5/21/2013  | 7  |
| US-8443613-B2 | Vehicle air comfort system and method                                                                     | Quisenberry; Tony et al.      | 5/21/2013  | 15 |
| US-8425580-B2 | Method of and system for thermally augmented wound care oxygenation                                       | Quisenberry; Tony et al.      | 4/23/2013  | 14 |
| US-8418478-B2 | Cooling apparatus having low profile extrusion and method of manufacture therefor                         | Parish, IV; Overton L. et al. | 4/16/2013  | 15 |
| US-8414631-B2 | System and method for cooled airflow for dermatological applications                                      | Quisenberry; Tony et al.      | 4/9/2013   | 19 |
| US-D679023-S  | Foot wrap                                                                                                 | Quisenberry; Tony             | 3/26/2013  | 8  |
| US-8282587-B2 | Method of and system for joint therapy and stabilization                                                  | McSpadden; Sam K. et al.      | 10/9/2012  | 20 |
| US-8248798-B2 | Thermal control system for rack mounting                                                                  | Parish; Overton L. et al.     | 8/21/2012  | 17 |
| US-D664260-S  | Calf wrap                                                                                                 | Quisenberry; Tony             | 7/24/2012  | 7  |
| US-D662212-S  | Butterfly wrap                                                                                            | Quisenberry; Tony             | 6/19/2012  | 6  |
| US-D662213-S  | Knee wrap                                                                                                 | Quisenberry; Tony             | 6/19/2012  | 8  |
| US-D662214-S  | Circumferential leg wrap                                                                                  | Quisenberry; Tony             | 6/19/2012  | 11 |
| US-8142486-B2 | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation | Quisenberry; Tony et al.      | 3/27/2012  | 15 |
| US-8128672-B2 | Wound care method and system with one or both of vacuum-light therapy and thermally augmented oxygenation | Quisenberry; Tony et al.      | 3/6/2012   | 14 |
| US-8100956-B2 | Method of and system for thermally augmented wound care oxygenation                                       | Quisenberry; Tony et al.      | 1/24/2012  | 13 |
| US-8043242-B2 | Method of and system for joint therapy and stabilization                                                  | McSpadden; Sam K. et al.      | 10/25/2011 | 20 |

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| US-20110077723-A1 | COMPRESSION SEQUENCED THERMAL THERAPY SYSTEM                                      | Parish; Overton L. et al.     | 3/31/2011  | 15 |
| US-7909861-B2     | Critical care thermal therapy method and system                                   | Balachandran; Niran et al.    | 3/22/2011  | 16 |
| US-7857037-B2     | Geometrically reoriented low-profile phase plane heat pipes                       | Parish; Overton L. et al.     | 12/28/2010 | 29 |
| US-7802436-B2     | Cooling apparatus having low profile extrusion and method of manufacture therefor | Parish, IV; Overton L. et al. | 9/28/2010  | 15 |
| US-7804686-B2     | Thermal control system for rack mounting                                          | Parish; Overton L. et al.     | 9/28/2010  | 18 |
| US-7686069-B2     | Cooling apparatus having low profile extrusion and method of manufacture therefor | Parish, IV; Overton L. et al. | 3/30/2010  | 15 |
| US-7322400-B2     | Cooling apparatus having low profile extrusion                                    | Parish, IV; Overton L. et al. | 1/29/2008  | 15 |
| US-7305843-B2     | Heat pipe connection system and method                                            | Quisenberry; Tony et al.      | 12/11/2007 | 29 |
| US-7198096-B2     | Stacked low profile cooling system and method for making same                     | Parish, IV; Overton L. et al. | 4/3/2007   | 25 |
| US-7150312-B2     | Stacked low profile cooling system and method for making same                     | Parish, IV; Overton L. et al. | 12/19/2006 | 25 |
| US-7147045-B2     | Toroidal low-profile extrusion cooling system and method thereof                  | Quisenberry; Tony et al.      | 12/12/2006 | 30 |
| US-20060137181-A1 | Cooling apparatus having low profile extrusion and method of manufacture therefor | Parish; Overton L. IV et al.  | 6/29/2006  | 13 |
| US-20060034053-A1 | Thermal control system for rack mounting                                          | Parish; Overton L. et al.     | 2/16/2006  | 12 |
| US-6988315-B2     | Cooling apparatus having low profile extrusion and method of manufacture therefor | Parish, IV; Overton L. et al. | 1/24/2006  | 13 |
| US-6981322-B2     | Cooling apparatus having low profile extrusion and method of manufacture therefor | Parish, IV; Overton L. et al. | 1/3/2006   | 15 |
| US-6935409-B1     | Cooling apparatus having low profile extrusion                                    | Parish IV; Overton L. et al.  | 8/30/2005  | 16 |

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| US-20050143797-A1 | Compression sequenced thermal therapy system                                                                       | Parish, Overton L. et al.      | 6/30/2005  | 26 |
| US-6834712-B2     | Stacked low profile cooling system and method for making same                                                      | Parish; Overton L. et al.      | 12/28/2004 | 26 |
| US-20040099407-A1 | Stacked low profile cooling system and method for making same                                                      | Parish, Overton L. IV et al.   | 5/27/2004  | 24 |
| US-20030127215-A1 | Cooling apparatus having low profile extrusion and method of manufacture therefor                                  | Parish, Overton L. IV et al.   | 7/10/2003  | 14 |
| US-20030089486-A1 | Cooling apparatus having low profile extrusion and method of manufacture therefor                                  | Parish, Overton L. et al.      | 5/15/2003  | 13 |
| US-20030089487-A1 | Cooling apparatus having low profile extrusion and method of manufacture therefor                                  | Parish, Overton L. IV et al.   | 5/15/2003  | 13 |
| US-6462949-B1     | Electronic enclosure cooling system                                                                                | Parish, IV; Overton L. et al.  | 10/8/2002  | 16 |
| US-20020134544-A1 | Passive cooling system and method                                                                                  | DeVilbiss, Roger S. et al.     | 9/26/2002  | 11 |
| US-6058712-A      | Hybrid air conditioning system and a method therefor                                                               | Rajasubramanian; Sathya et al. | 5/9/2000   | 9  |
| US-5989285-A      | Temperature controlled blankets and bedding assemblies                                                             | DeVilbiss; Roger S. et al.     | 11/23/1999 | 18 |
| US-5890371-A      | Hybrid air conditioning system and a method therefor                                                               | Rajasubramanian; Sathya et al. | 4/6/1999   | 17 |
| US-5711155-A      | Temperature control system with thermal capacitor                                                                  | DeVilbiss; Roger S. et al.     | 1/27/1998  | 19 |
| US-5689957-A      | Temperature controller for low voltage thermoelectric cooling or warming boxes and method therefor                 | DeVilbiss; Roger S. et al.     | 11/25/1997 | 8  |
| US-5690849-A      | Current control circuit for improved power application and control of thermoelectric devices                       | DeVilbiss; Roger S. et al.     | 11/25/1997 | 7  |
| US-5682748-A      | Power control circuit for improved power application and temperature control of low voltage thermoelectric devices | DeVilbiss; Roger S. et al.     | 11/4/1997  | 8  |