

# MOTOROLA dPMR ESSENTIAL PROPERTIES

(as of 01 April 2020)

| <b>#1 Title: Method For Selecting An Operating Mode Based On A Detected Synchronization Pattern</b>                                       |            |             |             |             |
|---|------------|-------------|-------------|-------------|
| <b>Inventor(s): Hiben, Bradley M; Biggs, Robert A; Muri, David L; Newberg, Donald Gary; Stogner, Darrell James; Wilson, Alan Lee</b>      |            |             |             |             |
| Country   | App. #     | App. Date   | Patent #    | Grant Date  |
| AU  | 2004246135 | 29-Apr-2004 | 2004246135  | 4-Jan-2008  |
| CA  | 2527142    | 29-Apr-2004 | 2527142     | 7-Apr-2009  |
| GB  | 0523928.0  | 29-Apr-2004 | 2418107     | 4-Jun-2008  |
| HK  | 06103991.7 | 29-Apr-2004 | HK1082608B  | 21-Dec-2007 |
| MY  | PI20041885 | 19-May-2004 | MY-134526-A | 30-Nov-2007 |
| US  | 10/799828  | 12-Mar-2004 | 7203207     | 10-Apr-2007 |
| US  | 11/668878  | 30-Jan-2007 | 8306071     | 6-Nov-2012  |
|   |            |             |             |             |
| <b>#2 Title: Method For Selectively Allocating A Limited Number Of Bits To Support Multiple Signaling Types On A Low Bit Rate Channel</b> |            |             |             |             |
| <b>Inventor(s): Newberg, Donald Gary; Biggs, Robert A; Hiben, Bradley M; Muri, David L; Stogner, Darrell James; Wilson, Alan Lee</b>      |            |             |             |             |
| Country   | App. #     | App. Date   | Patent #    | Grant Date  |
| AU  | 2004246136 | 29-Apr-2004 | 2004246136  | 5-Apr-2007  |
| CA  | 2526926    | 29-Apr-2004 | 2526926     | 1-Dec-2009  |
| GB  | 0523205.3  | 29-Apr-2004 | 2418812     | 28-Feb-2007 |
| MY  | PI20041886 | 19-May-2004 | MY-134217-A | 30-Nov-2007 |
| US  | 10/799913  | 12-Mar-2004 | 7339917     | 4-Mar-2008  |
|   |            |             |             |             |

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(as of 01 April 2020)

| <b>#3 Title: Method For Allowing A Subscriber Unit To Access A Channel For Voice Transmissions</b>                      |                  |            |                  |             |
|---|------------------|------------|------------------|-------------|
| <b>Inventor(s): Wiatrowski, David G; Bohn, Thomas Benedict; Senese, Thomas J; Mansfield, Terry K; Belmonte, John P.</b> |                  |            |                  |             |
| Country   | App. #           | App. Date  | Patent #         | Grant Date  |
| AU  | 2005262626       | 6-Jun-2005 | 2005262626       | 18-Sep-2008 |
| AU  | 2008211998       | 6-Jun-2005 | 2008211998       | 25-Feb-2010 |
| BR  | PI0512052-7      | 6-Jun-2005 | 1935             | 17-Jul-2019 |
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| CN  | 200580021766.7   | 6-Jun-2005 | ZL200580021766.7 | 9-May-2012  |
| GB  | 0624706.8        | 6-Jun-2005 | 2430333          | 7-Jan-2009  |
| JP  | 2007-515678      | 6-Jun-2005 | 4690397          | 25-Feb-2011 |
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| MX  | pA/a/2006/015241 | 6-Jun-2005 | 264609           | 13-Feb-2009 |
| NZ  | 551231           | 6-Jun-2005 | 551231           | 13-Aug-2009 |
| RU  | 2006147260       | 6-Jun-2005 | 2351080          | 27-Mar-2009 |
| US  | 10/984431        | 9-Nov-2004 | 7499441          | 3-Mar-2009  |
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