

**802.11 WLAN/Wi-Fi  
PATENT PORTFOLIO**

1 November 2022

1. JP4212548  
JP4764464  
JP5460285  
JP5398794  
JP5597213  
JP5599496  
US7583746  
US7587002  
US7675980  
US7675991  
US8059726  
US8494089  
US9608700  
US10003478  
US10348524  
CN100574293  
CN101594671  
CN101610573  
EP1548958  
EP2538576  
EP2538577  
EP3197065
2. JP4237680  
JP4751438  
JP4327684  
JP4405411  
JP4088281  
US7742533  
US7782969  
US8107556  
US8867663  
US9300385  
US9923744  
US10243771  
CN1832466  
EP1575235  
EP3190761
3. JP4005974  
JP4444244  
US7496076  
US7706408  
US7675893  
US8406214  
US8472468  
US9143982  
US9414264  
US9585172  
US9872203  
US10154436  
CN100539588  
CN1984145  
CN101626386  
EP1553730  
EP2209261

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|----|--|-----|--|
| 4. | JP4440037<br>JP4374001<br>US7738441<br>US7680148<br>US7869418<br>US7903632<br>CN1735089<br>CN101594210<br>EP1626519<br>EP2597810   | 7.  | JP3665628<br>US6983167<br>US RE43524<br>EP1286506<br>CN100477557<br>CN100542071                                |
| 5. | JP4047836<br>JP4314294<br>US7650559<br>US7743310   | 8.  | JP4220435<br>JP4886733<br>US7626968<br>US8289987<br>CN1744602<br>ZL 201210004886.8<br>EP 1601126<br>EP 2784968 |
| 6. | JP3940670<br>JP4405487<br>JP4405586<br>US7269260<br>US7519183<br>US7813508<br>US8588419<br>US8798271<br>US9584486<br>US10250566<br>US10250567<br>CN1251427<br>EP1324541<br>EP1742422 | 9.  | JP4086304<br>JP4444237<br>US7924805<br>US8228889<br>CN1691663<br>CN1976334                                     |
|    |  | 10. | JP4528541<br>JP4543049<br>US7697561<br>CN100514907<br>EP1571773  |

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| 11. | JP4331088<br>US8274992<br>CN101610260   | 16. | JP4421459<br>JP4734385<br>US7701962<br>CN101447905 |
| 12. | JP4012172<br>US7990995<br>US8284753<br>CN100461752<br>CN101459973   | 17. | JP4247199  |
| 13. | JP4130648<br>US7746861<br>US7848330<br>CN1764157  | 18. | JP4088268<br>US7236782<br>CN100433870              |
| 14. | JP4364165<br>JP4364210<br>US7852791<br>US8503339<br>CN101189831<br>ZL 121247057.2<br>EP1900154<br>EP2587878 | 19. | JP4068600<br>US7519127                             |
| 15. | JP4266192<br>US7664129<br>CN100550800   | 20. | JP4189410<br>US7680064<br>US8542604                |
|     |   | 21. | JP3822530<br>US7158501<br>US7583652<br>EP1263168   |
|     |   | 22. | JP4490781<br>US8165536                             |

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**PALMIRA  WIRELESS**

ADVANCING INNOVATION

23. JP4077435

24. JP4284354  
US7903607

25. JP4413934  
US8068455

26. JP4068592  
US7697491  
CN1702993

27. JP4575265  
US7773601

28. JP4405491  
US7835476

29. JP4128961  
US7502330

30. JP3641228  
CN1270560