THE ULTIMATE PRESIDENTIAL RECTANGLE?

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Obsessed by the presidential rectangle problem, I fiddled with it during bouts of insomnia with the following results: a perfect 396-cell rectangle and a defective 391-cell one (BUSH disconnected). A perfect 391-cell specimen may be possible - surely the ultimate?

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  H A R D I N G     F I L L M O R E       R
  A       I   T     O       O             O
G R A N T   X   Y   R   J   N             O
  R       C O O L I D G E   R         A   S
L I N C O L N   E       F   O   P I E R C E
  S       E     R       F   E         T   V
P O L K   V A N   B U R E N     B U S H   E
  N       E               R             U   L
G     W I L S O N   E I S E N H O W E R   T
A   J     A       B     O
R E A G A N   T R U M A N     A D A M S   C
F   C     D       C       K       C     L
I   K             H O O V E R   C   K     I
E   S     H       A       N   M A D I S O N
L   O   W A S H I N G T O N     R   N     T
D   N     Y       A   A   E     T   L     O
          E       N   F   D     E   E     N
  J O H N S O N       T A Y L O R   Y

  H A R D I N G     F I L L M O R E         B
  A       I   T     O       O       T   K   U
G R A N T   X   Y   R   J   N       A   E   S
  R       C O O L I D G E   R   J   Y   N   H
L I N C O L N   E       F   O   O   L   N
  S       E     R       F   E   H O O V E R
P O L K   V A N   B U R E N     N   R   D   M
  N       E               R     S     Y   C
A     W I L S O N   E I S E N H O W E R     K
R         A               O       N   O     I
T R U M A N   B U C H A N A N       O     N
H         D       L               S     L
U   H       M A D I S O N     A   P I E R C E
R E A G A N           N         D       V     Y
    Y       C A R T E R     G A R F I E L D
    E               O       M       L
W A S H I N G T O N   J A C K S O N   T A F T
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