



ARTS3633

DfcZYgg]cbU`>UdUbYgY'6

HYfa`Hk c`#`&\$&%

7ci fgY`Cj Yfj]Yk

GHJZ7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j U]UV]`]m	@cWJhcb	D\cbY
M a]c`<Ug\]a chc				

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UHŸ	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
K f]hYb'HYgh	&)	\$&# \$+ #&\$&% '\$' . ' \$' DA	%ž)
F YgYUfW 'Dfc YWŋ) \$	D`YUgY'gYY`UXX]hcbU`XYhU]`g VY`ck "	%ž' &ž' ž (ž)
GdYW]U`Dfc YWŋ	&)	Bch5dd`]WUVY	%ž' ž (

5ggYgga Ybh8YhU]`g

5ggYgga Ybh% 'K f]hYb'HYgh

GhUfhXUHŸ. '\$&# \$+ #&\$&% \$&. %\$' DA

@Yb[h. . , \$'a]bi hYg

8YhU]`g.

Gh XYbhg`Wta d`YhY`U`hYghfW] "%\ci fl`]bWŋ X]b[`g\cfh`UbX`cb[Yf`Ubgk Yf`ei Yghcbg" Gh XYbhg`fYWŋ] Y`U
a Uf`UbX`W]b`Wcbgi`h`hY`YWŋ fYf`Zcf`Z`fhYf`ZYXVUW`"

5XX]hcbU`XYhU]`g.

Gh XYbhg`k]`Wta d`YhY`U`a]X!hYfa`]b!WUgg`hYghcZ`hY]f`_bck`YX[Y`cZ`hY`YWŋ fY`WcbhYbhg`UbX`fYUX]b[`g"
: YXVUW`k]`VY[]j Yb`j]U`bi a Yf]Wŋ`[fUXY`UbX`cfU`Wta a Ybh`

Hi fb]h]b`gYh]b[. H\]g`Ugg][ba Ybh]g`gi Va]hYX`h`fci [\`Hi fb]h]b`UbX`gh XYbhg`Xc`bchgY`Hi fb]h]b
g]a]Uf]mfYdcf`g"

5ggYgga Ybh&. 'F YgYUfW 'Dfc YWŋ

GhUfhXUHŸ. 'K YY_`-

@Yb[h. . j Uf]ci g

8YhU]`g.

Gh XYbhg`dFYdUFY`Zcf`Ub`UVghfUWŋ`UbX`\`UbXci hg`Zcf`%\$| ždfYgYbhU`dUdYf`Zcf`&\$| `fW]`%) `a]bi hYgtž`UbX
k f]hY`U`dUdYf`Zcf`&\$| `fW]`&\$\$!`ŋ": YXVUW`_j]U`]bX]j]Xi U`Wta a Ybhgžfi Vf]Wŋ`UbX`]b!WUgg
X]gW`gg]cb`H\]g`]g`hY`Z]bU`UggYgga YbhHUg_`Zcf`U`hYbXUbWŋ`di fdcgYg"

5XX]hcbU`XYhU]`g.

DfYgYbhU]hcb`]g`hc`VY`\Y`X`]b`K YY_`-`cf`K YY_`%\$"

8i Y`XUH`Zcf`hY`fYgYUfW`dUdYf`]g`cbY`k YY_`UZYf`]hg`dfYgYbhUhc`b""

Hi fb]h]b`gYh]b[.`H\]g`]g`bchU`Hi fb]h]b`Ugg][ba Ybh

5ggYgga Ybh' .`GdYW]U`Dfc`YVh

GHUfhXUH` .`K YY_`&

@Yb[h.] Uf]ci`g

8YhU]`g.

Gh XYbh]`Wta`d`Yh`j`Uf]ci`g`UW]j`]h]Yg`k`YY_`mcf`V]k`YY_`mcb`hY]f`ck`b`Wc]W`Ubx`gi`Va`]hU`dcf]z`]c`]
]bW`X]b[`fYdcf]g`Ubx`^ci`fbU`g":`YYXVUW_`j`]U`fi`Vf]WUbx`]bX]j`]Xi`U`Wta`a`Ybh]g""

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ba Ybh]g`gi`Va`]h]X`h`fci`[`h`Hi fb]h]b`Ubx`ghi`XYbh]`Xc`bchgYY`Hi fb]h]b`
g]a`]Uf]mifYdcf]g""

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

f&\$-\$- Ł

5`c`h\Yf`YggYbh]U`a Uhf]U`g`UfY`fc`VY`Uj U]UV`Y`cb`h\Y`Wci fgY`A ccX`Y"

F YWca a YbXYX`F Ygci fWg

GYY`h\Y`Wci fgY`A ccX`Y"

7ci fgY`9j U`i Uh]cb`UbX`8Yj Y`cda Ybh

H\Y`Wci fgYg`]g`dYf]cX]WU`mFYj]Yk YX`UbX`ghi XYbhg`ZYXVUW`]g`i gYX`fc`]a dfcj Y`]hg`WcbhYbhg`UbX
UW]j]hYg": YYXVUW`]g`[Uh\YfYX`Zfca`ghi XYbhg`i g]b[`a m9l dYf]YbW`" #i]g`YbWci fU[YX`h\Uhg]i XYbhg
Wca d`Yh`h\Y]f`gi fj Ymg`VmUWVYgg]b[`h\Y`dYfgcbU]gYX`k YV`]b`_j]U`h\Y`A ccX`Y`Wci fgY`g]h"

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

Hi fb]h]b 'Gi Va]gg]cb

Ʒmci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b['hc'gi Va]hmc i f'Ugg][ba YbhiH'fci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-',) " ' ' %cf'Ya U] 'H'Ya 'cb'YI HYfbU'HY'ggi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'm'YUfl" Ʒmci
UfY'i bUV'Y'hc'gi Va]hmc i f'Ugg][ba YbhiXi Y'hc'U'Zi 'hk]H'Hi fb]h]b'mci 'a UmUdd'm'Zcf'Ub'YI HYbg]cbž'Vi hmc i
a i ghfYHU]b'mci f'h]W_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb['k]H'UbmcH'Yf'fY'Yj UbhXcW a YbHg'k'hc
]bWi XY'Ug'Yj]XYbVW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'jW]h]cb" Ʒmci 'Ya U] '9I HYfbU'Gi ddcfhmc i 'k]
Ui 'ca UH]W]m'fYW]j Y'U'h]W_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY'mci 'k]'b'YX'hc'gdYW]Z]W]m'Ug_ 'Zcf'cbY"
Hi fb]h]b'U'gc'dfcj]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'g'cb'Hk]HYf"

; YbYfU'mž'UggYgga YbhiHUg_g'a i ghVY'gi Va]HYX'Y'YW'fcb]W]m'j]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y
Ugg][ba YbH' 'b]bg]UbVW'g'k \YfY'H'g]g'bc]hdccg]V'Yž]hk]'VY'gh'UH'X'cb'mci f'Wci fgY'g'A ccX'Y'g]H'k]H
U'HYfbUH] Y'gi Va]gg]cb'XYHU]g"

: cf]bZ'fa UH]cb'cb'\ck 'hc'gi Va]hUgg][ba YbHg'cb]bY'j]U'A ccX'Y. \Hdg.#gh XYbH'i bgk "YXi "Ui #ck!
gi Va]hUgg][ba YbH'a ccX'Y

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[`h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W` `k`]h`c`i`h`U`W`_`b`c`k` `Y`X[`Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`d`g`d`U[]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k`]b[`W`U`h`Y`[`c`f`]Y`g.

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V]]hYg'Ug'U'gh XYbhUhl BGK
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