

ARTS2451

=bh/fa YX]Uh/ 7 \]bYgY Zcf Bcb!6UW[fci bX GdYU_Yfg 6

HYfa 'H\fYY''##'&\$%-

7 ci fgY⁻Cj Yfj]Yk

`GHJZZ`7cbHJWh`8YHJ]`g`

'7cbj Ybcfg'

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D\cbY
K U∖∵; i Ub`@]a	k [`]a 4 i bgk "YXi "Ui		F cca `&() ž A cfj Yb 6fck k	- ' ,) [·] %* , %

°@YWMifYfg`

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
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			A cfj Yb 6fck b	

GWXcc``7cbHJWhi=bZcfaUh]cb

GWkcc``cZ<iaUb]h]Yg'UbX'@Ub[iU[Yg

@cWUhjcb. `GW&cc``CZJWYžAcfjYb 6fckb 6i]`X]b[ž@YjY``&ž&),

CdYb]b[`<ci fg. `A cbXUm! `: f]XUmž - Ua `!`) da

D\cbY. Ž*%&'-',) %*, %

: UI . Ž*%&'-' ,) ', +\$)

9a U]`. <u>\U`4 i bgk "YXi "Ui</u>

7ci fgY[·]8YHJ]`g

7 fYX]hDc]bhg`*`

Gi a a UfmcZh\Y'7ci fqY

GiVYWhi5fYU.7\]bYgY'GhiX]Yg

H\]gʻWci fgYʻ]gʻXYg][bYXʻZcfʻghi XYbhgʻk \cʻ\Uj YʻUWei]fYXʻUʻVUg]WʻYj Yʻ`cZgdc_Ybʻ7 \]bYgYʻfA UbXUf]bEʻUbX Uʻk cf_]b[`_bck `YX[YʻcZi dʻhcʻY][\h\i bXfYXʻg]a d`]Z]YXʻW UfUWhʻfgʻ]bʻh\Y]fʻ%') 'm'UfgʻcZghi XmžʻUgʻk Y```Ug Zcfʻh\cgYʻghi XYbhgʻk \cʻYbhYfʻh\Yʻ7 \]bYgY``Ub[i U[Yʻdfc[fUa ʻk]h\ UbʻYei]j UʻYbh_bck `YX[YʻcZ7 \]bYgY W\UfUWhʻfg''=hi]gʻXYg][bYXʻZcfʻghi XYbhgʻk \cʻXcʻbchWca YʻZfca ʻUʻ7 \]bYgY`W`hi fU``UbX``Ub[i U[Yʻfcf X]UʻYWhE'VUW_[fci bX''=bʻh\]gʻWci fgYžmci ʻk]```]a dfcj Yʻmci fʻ7 \]bYgY`g_]``gʻ]bʻh\YʻUfYUgʻcZgdYU_]b[ž `]ghYb]b[žfYUX]b[žUbXʻk f]h]b[žUbX'k]```a U_Yʻg][b]Z]WUbh[U]bgʻ]bʻmci fʻWca a i b]WUhjj Yʻg_]``gʻ]bʻcfU``UbX k f]hhyʻbʻZcfa gʻ''Nci 'k]``Uʻgc`VYʻYI dcgYX'hc`UgdYVMgʻcZ7 \]bYgY`\]ghcfmžW`hi fYž'dc`]h]VgʻzUbXʻgcWJYhm fY`Yj Ubhhcʻ[]j YbʻhYI hqʻ]bʻ7 \]bYqY`]b``Ub[i U[YʻUWei]q]hcb''

7cifgY`@YUfb]b[`CihWcaYg

- %" 5dd`mYZYW1jjY`gHfUHY[]Yg`Zcf`fYUX]b[`7\]bYgY`HYI hg`Zfca`jUf]ci g`gci fWYg`UbX`cb`U`jUf]YhmicZ hcd]Wg`
- &" 7 ca dcgY'g\cfhYggUmg']b'7 \]bYgY'cb'U'[]j Yb'hcd]Wk]h\'WcbZ]XYbWY'''
- ' " ₺]ŀ]Uŀ]UŀY Yj YfmXUmWcbj YfgUŀ]cbg UbX Yb [U[Y]b X]gW gg]cbg]b 7 \]bYgY ····
- ("8Ya cbglfUhY`W]hJWU``UddfYWJUhJcb`UbX`bi UbWYX`_bck`YX[Y`cZ7\]bYgY``]b[i]ghJWVY\Uj]ci fž gcWJYhmUbX`W``hi fY````

HYUWX]b[GhfUhY[]Yg

H\Y'Wci fgY'Wca df]gYg'łk c'Wca dcbYbłg'cZZJWY!hc!ZJWY'łYUWX]b[''UbX'YUfb]b[''dYf'k YY_.'f%z'H\Y''YWi fYg dfcj]XY'Ub']błfcXi Wijcb'hc'[fUa a Ufž'_Ym'Ub[i U[Y'UbX'W'hi fU']ggi Yg']b'YUWX ''Yggcbžk]h\'dfUWijWyg'hc Wcbgc`]XUHY'bYk '_bck 'YX[Y']b''`Ub[i U[Y'UV&i]g]h]cb/f&z'H\Y'hi hcf]U'g'ZcW g'cb'k cf_Vcc_'YI YfWjgYgžk]h\ cddcfhi b]h]Yg'Zcf'ghi XYbłg'hc'dfUWijWY'cfU''7 \]bYgY'UbX'UXXfYgg']ggi Yg']b'fYUX]b[''UbX'k f]h]b['''Nci 'g\ci 'X dfYj]Yk 'h\Y'bYk 'k cfXg'VYZcfY'YUWX ''YWi fY'UbX'Xc'h\Y'YI YfVjgYg']b'h\Y'k cf_Vcc_'VYZcfY'YUWX 'h hcf]U''' Nci 'UfY'YI dYWhYX'hc'U`xX]h]cbU''h]a Y'Zcf'gY'Zghi XmUbX'dUfhbYf'`Ub['i U[Y'dfUWijWYžk \]WX'k]``VY VXYW_YX'k YY_`m]b''YWi fYg'UbX'h hcf]U'g'''9b['U[Ya Ybhk]h\Y'kci fgY'WcbhYbhk]``VY'Z fh\Yf'UggYggYX VmU'a]X!hYfa 'hYghUbX'Ub'YbX!cZhYfa 'ZbU''hYgh'

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7 cbj YfgUh]cb Yl YfW]gYg	& \$ 4\$1	K YY_`m	%ž
A]X!gYaYghYf"hYgh"	%) ı	K YY_')	%ž&ž(%ž&ž(
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5 HYbXUbWYFYei]fYaYbhg

5HYbXUbWY`cZ@YWHifYg#Hihcf]U`g`]g`aUbXUhcfmi]b`h\]g`WcifgY"`IbYIW'gYX`UVgYbWY`Zfca`acfY`h\Ub`%\$i cZ@YWHifYg#Hihcf]U`g`k]```fYgi`h`]b`h\Y`UkUfX`U`ZJ]``[fUXY"`=b`@YWHifY#Hihcf]U`g`mci`k]```UWNjjY`mYb[U[Y k]h\`WcfY`WcifgY`WcbhYbhžYbUV`]b[`mci`hc`UhtU]b.`

- % 5dd`mYZZYWijiY`ghfUhY[]Yg`Zcf`fYUX]b[`7\]bYgY`hYI hg`Zfca`jUf]ci g`gci fWYg`UbX`cb`U`jUf]YhmicZ hcd]Wg`
- &" 7 ca dcgY`g\cfhYggUmg`]b`7 \]bYgY`cb`U`[]j Yb`hcd]Wk]h\`WcbZXYbWf```
- ' " ₅b]h]Uh]UhY`Yj YfmXUmWcbj YfgUh]cbg`UbX`Yb[U[Y`]b`X]g₩ gg]cbg`]b`7 \]bYgY````
- ("8Ya cbglfUhY`Wf]hJWU``UddfYWJUhJcb`UbX`bi UbWYX`_bck `YX[Y`cZ7\]bYgY``]b[i]ghJWVY\Uj]ci fž gcWJYhmUbX`W``hi fY`

7 ci fgY GWX YXi `Y

<u>J]Yk WUgg ha YHJY Y</u>

H]a YHJV`Y'

8 UHY	Hmd Y	7 cbhYbh	
K YY_`%`%*`GYdhYa VYf`!	@YWMifY	=bffcXiWnjcb/HYIW/cc_`@Yggcb`%%	
&\$`GYdHYa VYf	Hihcf]U`	Bc'hihcf]U`g	
K YY_`&`&' `GYdhYa VYf'!	@YWhifY	HYI N/cc_`@Yggcb`%&	
&+`GYdhYa VYf	Hihcf]U`	K_cf_Vcc_ [*] @Yggcb*%%	
	@YWhifY	HYI N/cc_`@Yggcb`%	
(°CW/cVYf	Hi hcf]U`	K_cf_Vcc_ [*] @Yggcb*‰	
K YY_"("+"C ₩cVYf"!"%%	@YWhifY	HYI N/cc_`@Yggcb`%(
C₩rcVYf	Hi hcf]U`	K_cf_Vcc_ [*] @Yggcb [*] %	
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K_YY_`*.`&%`C_Whc_VYf`!`&)	@YWhifY	HYI N/cc_`@Yggcb`%+	
C₩rcVYf	Hihcf]U`	K_cf_Vcc_ [*] @Yggcb [*] %(
	@YWhifY	HYI N/cc_`@Yggcb`%	
Bcj Ya VYf	Hihcf]U`	K_cf_Vcc_ [*] @Yggcb [*] %)	
K_YY_`, .`(`Bcj Ya VYf`!`,	@YWhi fY	HYI N/cc_`@Yggcb`%-	
Bcj Ya VYf	Hihcf]U`	K_cf_Vcc_ [*] @Yggcb [*] %+	
K_YY_``%%`Bcj Ya VYf`!	@YWMifY	K_cf_Vcc_ [*] @Yggcb [*] %	
%) Bcj Ya VYf	Hi hcf]U`	:]bU``HYgh	
K_YY_*%\$.*%_*Bcj Ya VYf*!	@YWMifY	DfYgYbHJhcb	
&&`Bcj Ya VYf	Hihcf]U`	FYj]g]cb	

F Ygci fWg

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%" =bh/[fUh/X`7\]bYgYžJc`i a Y`(ž(h\`9X"žHYI h/cc_`fDUdYfVUW_žG]a d`]Z]YX7 `HfUX]h]cbU`Ł"`0~G6B. - +, %*&&- ‰) %*Q

&"`+bHY[fUHYX'7\]bYgYžJc`i a Y`(ž(h\`9X"žK cf_Vcc_`fDUdYfVUW_žG]a d`]Z]YX'/ `HfUX]h]cbU`Ł"`0G6B. - +, %*&&- ‰) &' Q

FYWca a YbXYX FYgci fWYg

BchUjU]`UV`Y

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

Ghi XYbhgʻUfYʻYbWci fU[YX'hc`Ya U]``h\Y`Wcbj Ybcf`k]h\`Ubmgi [[Ygh]cbgʻcfʻZYYXVUW_`fY`Uh]b[`hc`hYUW\]b[ghmYž`Yggcb`dUWYžWcbhYbhžDckYfDc]bhg`]XYgžYhW : YYXVUW_`]gʻU`gc`[Uh\YfYX`Zfca `ghi XYbhg`i g]b[`a m9I dYf]YbWY"`Ghi XYbhgʻUfY`YbWci fU[YX'hc`Wca d`YhY h\Y]f`gi fj YmgʻVmUWWYgg]b[`h\Y`dYfgcbU`]gYX`kYV``]b_`j]U`h\Y`A ccX`Y`Wci fgY`g]hY"

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

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

=Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb['hc'gi Va]hmci f'Ugg][ba YbhN fci [\ 'Hi fb]hjbž'd'YUgY hY'Yd\cbY'9I hYfbU'`Gi ddcfhcb'-',) '' ' %cf'Ya U]`'h\Ya 'cb'YI hYfbU'hY'hgi 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'mYUfŁ'" =Zmci UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZUi `hk]h\ 'Hi fb]hjb'mci 'a Um'Udd`mZcf'Ub'YI hYbg]cbž'Vi hmci a i ghfYhU]b'mci f'hjW_Yhbi a VYf'Zfca '9I hYfbU``Gi ddcfhfU`cb['k]h`Ubm'ch\Yf'fY`Yj UbhXcW a YbhgŁ'hc]bWi XY'Ug'Yj]XYbWi'hc'gi ddcfhimci f'YI hYbg]cb'Udd`]WUh]cb''`=Zmci 'Ya U]``9I hYfbU``Gi ddcfhimci 'k]``

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

D`U[]Uf]ga `]g`i g]b[`h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b[`h\Ya `Ug`mci f`ck b"`=hWUb`hU_Y`a Ubm Zcfa gžZca `XY`]VYfUhY`W\YUh]b[`hc`UWW]XYbhU``mWcdm]b[`Zca `U`gci fWY`k]h\ci hUW_bck `YX[Ya Ybh'

IBGK [fcidg'd`U[]Uf]ga]bhc h\Y Zc``ck]b[WUhY[cf]Yg.

7 cdm]b[..i g]b[.ih,Y`gUa Y`cf`j Yfmig]a]`Uf`k cfXg`hc`h,Y`cf][]bU``hYI h`cf`]XYU`k]h\ci hUW_bck `YX[]b[`h\Y gci fWF`cf`i g]b[`ei chUh]cb`a Uf_g"`H\]g`U`gc`Udd`]Yg`hc`]a U[YgžUfhUbX`XYg][b`dfc´YWfgž'Ug`k Y```Ug dfYgYbhUh]cbg`k \YfY`gca YcbY`dfYgYbhg`Ubch\Yf*g`]XYUg`cf`k cfXg`k]h\ci hWfYX]h"

=bUddfcdf]UhY`dUfUd\fUg]b[..7\Ub[]b[`U`ZYk`k cfXg`UbX`d\fUgYg`k \]`Y`a cghmfYhU]b]b[`h\Y`cf][]bU` ghfi Whi fY`UbX#cf`dfc[fYgg]cb`cZ]XYUg`cZh\Y`cf][]bU`žUbX`]bZcfa Uh]cb`k]h\ci hUW_bck`YX[Ya Ybh`H\]g`U`gc Udd`]Yg`]b`dfYgYbhUh]cbg`k \YfY`gca YcbY`dUfUd\fUgYg`Ubch\Yf'g`]XYUg`cf`k cfXg`k]h\ci hWfYX]hUbX`hc d]YW]b[`hc[Yh\Yf`ei chYg`UbX`dUfUd\fUgYg`]bhc`U`bYk`k \c`Yžk]h\ci hUddfcdf]UhY`fYZYfYbW]b["

7 c``i g]cb. k cf_]b[k]h ch Yfg Vi hdUgg]b[cZth Y k cf_'Ug U dYfgcb'g]bX]j]Xi U`k cf_'' 7 c``i g]cb U gc]bWi XYg dfcj]X]b['mci f k cf_'hc Ubch Yf gh XYbhVYZcfY h Y Xi Y XUhYžcf Zcf'h Y di fdcgY cZh Ya

- i bXYfgHJbX'mci f`f][\hg`UbX'fYgdcbg]V]`]h]Yg`Ug`U`ghi XYbh'Uh'I BGK
- VY Uk UfY cZdU[]Uf]ga žWcdmf][\lbzi BGK Ghi XYbh7 cXY cZ7 cbXi Wh0bX 5WW/dhUVY I gY cZ I BGK '=7 H'F Ygci fW/g'Dc']Wh
- VY Uk UfY cZh Y gHUbXUfXg cZVY Uj]ci f YI dYWYX cZYj YfmcbY]b h Y I BGK Wca a i b]m
- `cWUHY'gYfj]WYg'UbX']bZcfa UHjcb'UVci hI BGK 'UbX'I BGK '@VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci žch\Yfg'k]``VY'bYk"'; U]b]b['U'gc`]X'i bXYfgHJbX]b['cZU``'h\Y fY`UhYX'UgdYWfg'cZ9@=G9'k]``\Y`d'mci 'a U_Y'h\Y'a cghcZmci f`gh X]Yg'UhI BGK "' <u>\hhd.#gi VYWf[i]XYg'`]VfUfm'i bgk "YXi "Ui #Y`]qY#UVci hY`]qY</u>

5WUXYa]W=bZcfaUh]cb

: cf^{*}YgYbhJU^{*}gh XYbhJbZcfa UhJcb^{*}fY^{*}UhJb[^{*}hc.

fYei YghgʻZcfʻYl hYbg]cb/ `UhYʻgi Va]gg]cbgʻ[i]XY`]bYg/ fYj]YkʻcZa Uf_g/ I BGKʻ< YUʻh\ʻUbXʻGUZYhmdc`]WJYg/

