



ARTS2126

F Yj]Yk]b['hY '5 fng

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

7ci fgY'8YHJ`g

7fYX]hDc]bng`*`

Gi a a UfmicZ\hY'7ci fgY

F Yj]Yk Yfg'UbX'Ufng'`ci fbU'jgfhg'd`UmU'Wfi WjU'fc`Y'j]b`h\Y'Ufng"K \Uh\hYmk f]hY'j]bZcfa g'h\Y'Wf]hWU'fYWWdh]cb
UbX'Wc'a a YfWjU'gi WfWgg'cZUb'Ufh]gh]Wk cf_"H\Y]f'k f]h]b['U'gc'g\UdYg'h\Y'Y[UWmicZUb'Ufh]ghg
k cf_"F Yj]Yk]b['h\Y'5fhg'YI d'cfYg'U'j Uf]YhmicZk f]h]b['a cXYg'j]b'Ufng'`ci fbU'jga ž]bWm X]b['j]bhYfj]Yk gž
dfYj]Yk g'UbX'fYj]Yk g" H\g]g]Ub'j]bhYfX]gW]d'j]bUfmiUbX'j]bXi g]hfmUfh]W'UfhYX'Wc'i fgY'h\Uhd]fcj]XYg
cddcfh b]h]Yg'hc`Yb[U[Y'k]h'k f]h]b['dfUW]Wg'UWfcgg'a UbmiZcfa g'j]bWm X]b['h\YUfhY'UbX'dYfZcfa UbWfž
XUbWfž'a i g]Wfž'j]hYUfh fYž'j]gi U'Ufng'UbX'Z'a "F Yj]Yk]b['h\Y'5fhg'\Y'dg'dfYdUfY'mci `Zc'ZfY'UbWf#dcf]Zc`c
Wf]fYfYfg'Ug'Ufh]ghgž`ci fbU'jgfhg'UbX'UXa]b]ghfUhc fg]b`h\Y'Ufng"

7ci fgY@YUfb]b[`Ci hWc'a Yg

%` ⇒Ybh]Zmh\Y'a cXYžWUfUWf'UbX'Y'Ya Ybhg'cZUb'YI Ua d'Y'cZUfng'`ci fbU'jga `]b`h\Y'Wc'bhYI hcZ&\$h
UbX'&%ghW'bh fmdfUW]Wg'cZ\hY'gUa Y"
&" 5dd'mk f]h]b['g_]`g]b'fYgdcbgY'hc`Ufhk cf_g'UWfcgg'U'X]j Yfg]hmicZX]gW]d'j]bYgžXYa cbgfhU]h]b['h\Y
Y'Ya Ybhg'cZXYgW]dh]cbžUbU'mg]g#bhYfdYU]cb'UbX'Yj U'i U]h]cb"
' " 7f]h]WU'mUggYgg'YI Ua d'Yg'cZUfng'`ci fbU'jga `U[U]bghYI Ua d'Yg'cZVYghdfUW]W'UbX'j]bbcj U]h]cb"

HYUW]b[`GhfU]h[]Yg`

H\Y'hYUW]b[`ghfU]h[]Yg'j]bWm XY'h\Y'XY'j] YfmicZWf]h]WU'UbX'\]ghcf]WU'Wc'bhYbhj]U'U'YWm fYg'gYf]Ygž'h hc]f]Ug
Zc'fdUW]W]b[`k f]h]b['UbX'YI Ua]b]b[`k f]h]b'a UfhY]U'gž'UbX'gYhUg_g'Zc'fYb[U[]b[`k]h'WUgY'gh X]Yg
UWfcgg'U'fU]b[Y'cZUfhZcfa g" H\Y'YWm fY'gYf]Yg'Wc'bhYbhk]`Wc] Yf'k f]h]b[`cb'h\YUfhYž'dYfZcfa UbWfž'Z'a ž
a i g]WU]bX'h\Y'j]gi U'UfngžWf]h]WU'UddfcUWYg'hc`h\Y'gUa Yž'UbX'gdYW]Z'Wa cXU'j]h]Yg'gi W'Ug'j]bhYfj]Yk gž
dfYj]Yk g'UbX'fYj]Yk g"? YmiZ[i fYg'Zc'a `UWfcgg'h\Y'&\$h`UbX'&%ghW'bh fmk]`dfcj]XY'WUgY'gh X]Yg'cZ
]a dcfU]bhj c]Wg'j]b'Ufng'fYj]Yk]b[`UbX'Wc'a a YbhUfm' H\Y'hi hc]f]U'gž'gYh\ca Yk cf`UbX'cb'j]bY'V'c[g'k]`
Wf]U]h'cddcfh b]h]Yg'hc`dfUW]W'k f]h]b['a cXYg'f]bhYfj]Yk gždfYj]Yk gžfYj]Yk gk'UbX'fYW]j Y'Wf]h]WU'
ZYXVUW_Zc'a `YWm fYfg'UbX'dYfYfg" C'hYf'hi hc]f]U'UW]j]h]Yg'gi W'Ug'Wc'a a YbhUfm'cb'gYhYU]X]b[gž
XYgW]dh]j Y'k f]h]b['hUg_gž'dYfgi Ug]j Y'k f]h]b['hUg_gž'UbX'UbU'mg]g'cZU'dUfh]W'Uf'k f]h]f]g'ghmY'cf'd]YWf'cZ
k f]h]b[`cb'Ub'Ufhk cf`ž'k]`ZYg'\`ci hUddfcUWYg'hc`k f]h]b['j]b'h\Y'Ufng" H\Y'cb'j]bY'Wc'a dcbYbhcZ\hY
Wc'i fgY'k]`dfYdUfY'gh XYbhg'Zc'f'h\Y'a YX]U]hgYX'WdUW]h]Yg'UbX'W'U'Yb[Yg'Zc'f'Ufng'k f]h]b["

5ggYgga Ybh

K CF? 'GI 6A #H98.

5`WUhcba i gh]bWl XY'dU[Y'fYZfYbWg"Y['fBi hcf'gi fbUa Y'MUfZ'dU[Y'bc"LfGa]h'&\$\$\$Z) L

!hYl hfYZfYbWb['cfZcchYg'UFY'UWYdhUV"Y"

: i ``V]V]c[fUd\mUhY'YbX'cZmci f'fYgYUfW' dUdYfg'jg'fYei]fYX"

I bfY'UV'Y'k YV'GI 6A #H98.

Wf]hYf]U

BYYXg
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gUh]gZUWcf [ccX
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J Yfm[ccX YI W`Ybh

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Y`Ya Ybtrg`cZj Uf]ci g

fYj]Yk]b[`ghmYg

UV]`]mhc`]XYbh]Zm

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Y`Ya Ybtrg`UbX

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j Uf]ci g`fYj]Yk]b[

ghmYg

gY`ZfYZYW]cb`UbX

UggYgga Ybh`

YI dfYgg]cb

cf][]bU`]mi]b`hY

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fYgdcbgYg`tc`hY

hUg_g"

Hi fb]hb`gYhb[.`H\]g`Ugg][ba Ybh]g`gi Va]mY`h`fci [\`Hi fb]hb`UbX`gh XYbtrg`Xc`bchgYY`Hi fb]hb`g]a]Uf]mfYdcftrg"

5ggYgga Ybh&.`DcfhZc`]c`cZF Yj]Yk g

GhUfhXUH.`Bch5dd`]WV`Y

@Yb[h.`&\$\$\$`k cfXg

8YhU]`g.

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Vi hmc i WUb i gY UggYgga YbhHJg_g hc k f]hY bYk fYj JYk g"D`YUgY`gYY`k cf_g\cdg`k YY_!Vmk YY_`Zcf
]b!WUgg`k f]h]b[`HJg_g`UbX`XYgWf]VY`hY`HJg_`i gYX`UVcj Y`YUW`d]YW`gi Va]hYX"

: YYXVUW`k]`VY`cb[c]b[`UbX`U`Z]bU`UggYgga Ybhk]`VY`dfcj]YX`a Uf_]b[`hY`dcfhZ`c`U[U]bghU`[f]X
]g]b[`hY`UggYgga YbhW]hYf]U.

5ggYggYX`Vmfi Vf]W

5XX]h]cbU`XYHJ]g.

5ggYgga Ybh8YgW]dh]cb. H\]g`dUdYf`k]`XYa cbgfhUHY`hY`gh`XYbhg`_bck`YX[Y`cZhY`h]ghc]WU`XYdH`UbX`X]gW]d`]bUfmX]j Yfg]hmcZk f]h]b[`cb`hY`Uftrg`H\Y`YggUmei`Ygh]cbg`k]`VY`X]ghf]Vi`hY`X`K`YY_)`UbX`k`j`VY`VUgYX`cb`hY`Y`W`h`fY`gYf]Yg`W`cbhY`bh`H\Y`YggUmei`Ygh]cbg`k]`U`ck`Zc`f`Zc`W`gYX`fYgYUfVX`k`]h]b`hY`VfYUX`h`cZ`h]g`W`cbhY`bh`

5`Z]bU`UggYgga Ybhk]`VY`dfcj`]XYX`a`Uf_]b[`hY`YggUmU[U]bghU`[f]X`]gh]b[`hY`UggYgga YbhW]hYf]U"

7 f]hYf]U`Zc`f`UggYgga Ybh

a Uf_	W]hYf]U
< 8	<ul style="list-style-type: none"> 8Ya cbgfhUHY`g`U`\][`migcd\]gh]WUHYX`i`bXYfghUbX]b[`cZhY`a`cXYgZ`VX`UfUWYf`UbX`Y`Ya`Ybhg`cZj`Uf]ci`g`fYj`]Yk`]b[`ghmYgZ`UbX`g\`ck`WUgYg`hY`_bck`YX[Yg`UW`ei`]fYX`Xi`f]b[`hY`W`ei`fgY`"9j`]XYbVW`g`ghfcb[`UV]`]hmc`W]h]WU`mUggYgg`YI`Ua`d`Yg`cZUftrg``ei`fbU`]ga`U[U]bghYI`Ua`d`Yg`cZVYghdfUW]W`UbX`]bbcj`Uh]cb`"8Ya cbgfhUHY`g`hY`i`gY`cZUddfcdf]UHY`fYgYUfVX`fYgci`fW`g`"J`Yfm`k`Y`k`f]hYb`UbX`fYZfYbVWX`"
8	<ul style="list-style-type: none"> 8Ya cbgfhUHY`g`U`gcd\]gh]WUHYX`i`bXYfghUbX]b[`cZhY`a`cXYgZ`VX`UfUWYf`UbX`Y`Ya`Ybhg`cZj`Uf]ci`g`fYj`]Yk`]b[`ghmYgZ`UbX`g\`ck`WUgYg`hY`_bck`YX[Yg`UW`ei`]fYX`Xi`f]b[`hY`W`ei`fgY`"9j`]XYbVW`g`hY`UV]`]hmc`W]h]WU`mUggYgg`YI`Ua`d`Yg`cZUftrg``ei`fbU`]ga`U[U]bghYI`Ua`d`Yg`cZVYghdfUW]W`UbX`]bbcj`Uh]cb`"8Ya cbgfhUHY`g`hY`i`gY`cZUddfcdf]UHY`fYgYUfVX`fYgci`fW`g`"K`Y`k`f]hYb`UbX`fYZfYbVWX`"
7	<ul style="list-style-type: none"> 8Ya cbgfhUHY`g`Ub`i`bXYfghUbX]b[`cZhY`a`cXYgZ`VX`UfUWYf`UbX`Y`Ya`Ybhg`cZj`Uf]ci`g`fYj`]Yk`]b[`ghmYgZ`UbX`g\`ck`WUgYg`hY`_bck`YX[Yg`UW`ei`]fYX`Xi`f]b[`hY`W`ei`fgY`"9j`]XYbVW`g`gca`Y`UV]`]hmc`W]h]WU`mUggYgg`YI`Ua`d`Yg`cZUftrg``ei`fbU`]ga`U[U]bgh`YI`Ua`d`Yg`cZVYghdfUW]W`UbX`]bbcj`Uh]cb`"8Ya cbgfhUHY`g`hY`i`gY`cZUddfcdf]UHY`fYgYUfVX`fYgci`fW`g`"K`Y`k`f]hYb`UbX`fYZfYbVWX`"
D	<ul style="list-style-type: none"> 8Ya cbgfhUHY`g`gca`Y`i`bXYfghUbX]b[`cZhY`a`cXYgZ`VX`UfUWYf`UbX`Y`Ya`Ybhg`cZj`Uf]ci`g`fYj`]Yk`]b[`ghmYgZ`UbX`g\`ck`WUgYg`hY`_bck`YX[Yg`UW`ei`]fYX`Xi`f]b[`hY`W`ei`fgY`"9j`]XYbVW`g`gca`Y`UV]`]hmc`W]h]WU`mUggYgg`YI`Ua`d`Yg`cZUftrg``ei`fbU`]ga`U[U]bgh`YI`Ua`d`Yg`cZVYghdfUW]W`UbX`]bbcj`Uh]cb`"8Ya cbgfhUHY`g`hY`i`gY`cZUddfcdf]UHY`fYgYUfVX`fYgci`fW`g`"
	<ul style="list-style-type: none"> 8Ya cbgfhUHY`g`bc`i`bXYfghUbX]b[`cZhY`a`cXYgZ`VX`UfUWYf`UbX`Y`Ya`Ybhg`cZj`Uf]ci`g`fYj`]Yk`]b[`ghmYgZ`UbX`XfUk`g`cb`bc`bY`cZ`hY`_bck`YX[Yg`UW`ei`]fYX`Xi`f]b[`hY`W`ei`fgY`"9j`]XYbVW`g`bc`UV]`]hmc`W]h]WU`mUggYgg`YI`Ua`d`Yg`cZUftrg``ei`fbU`]ga`U[U]bghYI`Ua`d`Yg`cZVYghdfUW]W`UbX`]bbcj`Uh]cb`"

Hi fb]h]b'gYH]b [. 'H\]g'Ugg][ba Ybh]g'gi Va]hYX'h\fc [\ 'Hi fb]h]b'UbX'ghi XYbtg'Xc'bcHgYY'Hi fb]h]b
g]a]'Uf]mfYdcfrg"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

GYY`A ccX`Y

F YWca a YbXYX`F Ygci fWg

GYY`A ccX`Y

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

H\]g`Wci fgY`k]``VY`fyj]Yk YX`UWfcgg`k \Uhk]``VY`U`a i `h! X]gW]d`]bUfm`Wc\cfhi`g]b[`7 5H9=UbX`U
W`g]ca]gYX`7ci fgY`9i dYf]YbW`E i Yg]cbbU]fY`K Y`k]``U`gc`Uj Y`h`Y`VYbY]hcZU`[i Ygh`YW]i`fYf`hc
Wc]bf]Vi`h`hc`h`Y`fyj]Yk "

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'fgi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY_YbXg'fI *) 'XUmg'U'm'YUfI" 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 YbHgE'hc
]bWi XY'Ug'Yj]XYbVW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd']W]h]cb" Ʒmci 'Ya U] '9I HYfbU'Gi ddcfhmc i 'k]
Ui 'ca UH]WU'm'fYW]j Y'U'h]W_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY'mci 'k]'b'YX'hc'gdYW]Z]WU'mUg_ 'Zcf'cbY"
Hi fb]h]b 'U'gc'dfcj]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'hi g'cb'Hk]H'Yf"

; YbYfU'mž'UggYgga YbhiHUg_g'a i ghVY'gi Va]H'YX'Y'YW'fcb]WU'mj]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y
Ugg][ba YbH' 'b]bgHUbVW'g'k \YfY'H'lg]g'bc'hd'cgg]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. \h'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
-

5 WUXYa]W]bZcfa Uh]cb

: cfYggYbh]U`gh XYbh]bZcfa Uh]cb fY`Uh]b[`tc.

- fYei Yghg`Zcf`YI H`bg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I B GK `< YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcW`Xi fYg/
- gdYW]U`W`bg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- gh XYbhYei]mUbX`X]gUV`]m/
- UbX`c`hYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

\ftdg.#k k k "Uftg"i bgk "YXi "Ui #W ffYbhgh XYbhg#UWUXYa]W]bZcfa Uh]cb#dfc`W`g`[i]XY`]bYg#