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" #\$!%&#!' ()#\*+\*, )' ,#!-%' )#(%-!.!/0&#! 1 (23#\*-2%4!.!/56\*, (%.(\$!)#-2\*#!%.!-'77.\*%!&#!8+( ,%2,( !92--2.(!.!/0&#! 1 (23#\*-2%4!.!/56\*, (%.(!:4!7\*. 9.%2(+!%&#!%, 6&2(+-!, ()!#;, 97<#-!.!/=-#-'-!>&\*2-%!2(!,<!,-7#6%-!.!/-%')#(%!2(3.<3#9#(%!%&\*. '+&!,!6. 992%9#(%!.!<#, )#\*-&27!, ()!-\*#326#!%.!.%&#\*-?!%.!7\*.32)#!,!9#, (-!.!\*#-7.(-2:<#, ()!#/ #6%23#!-%')#(%!7,\*%2627,%2.(!2(%&#!.\*+, (2@,%2.(!, ()!2(!%&#!.7#\*,%2.(!.!/-%')#(%!.\*9,%2.(!, ()!6, 97'-!2/#?!.!7\*.32)#!,!/.\*'9!/.\*!%&#!#;7\*#--2.(!.!/-%')#(%!32#A-!, ()!2(%#\*#%-?!%.!9,2(%2(!,6,)#926!/\*##).9\$!,6,)#926!#-7.(-2:2%4\$,()!-%')#(%!\*2+&%-?!%.!-'-%,2(!, ()!297\*.3#!6, 97'-!6'<\*'#?!%.!)#3#<.7!:#%#\*!-%')#(%!#)'6,%2. ( ,<-%,())

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]//26#\*-E!  
WE >,<!-7#62,<!9##%2(+-.!/!%&%5%' )#(%!5#(,%#E!  
XE >..\*)2(,%#!7#\*-.( (#<%\*,2(2(+/.!\*5#(,%.\*-E!  
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,E 0&#!5%' )#(%!5#( ,%#!-&, <!7,\*%262  
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 <9 2%#)!%.!%&.-#!\*#<,##)!%.!%#!\*  
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 K\*-2)#(%!,()!%&#!Q.,\*)!.!0\*'-  
 :E 0&#!5%' )#(%!5#( ,%#!&,-!%&#, ' %&  
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 ,!9 ,N.\*2%4!.!/!%&#!( ,!%&#! !%&#! !%&#!  
 HE J 77\*.3#!:4!,!%A.P%  
 5#( ,%#!9##%2(+\$!%&#!K%  
 M;#6'!23#!0\*#, -'\*#\*\$!5#6  
 S 2\*#6%.!..!0#6&(.<.+4!2()2  
 UE a#9.3#!9#9:#\*-!.!/!%&#!M;#6'!23#!0\*#  
 VE J ).7%,(),9#()!%&#! !%"\$%%'%'#()#%  
 3 "415#61#%"/(701(8#&415\$%,(/(295)%#!, -!7\*.32#)!!.\*!2(!%&#!  
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 =5"91\*51\$!:4!,!9 ,N.\*2%4!3 -#!.!/!%&#!5%' )#(%!5#( ,%#!7\*2.\*!%.!%&#!  
 -#6. ()!9##%2(+!.!%&#! !%&#! !%&#! !%&#!  
 XE 0,B#!,<!6%2.(-!A2<!:#!9,)#(%!5#( ,%#!-&, <  
 YE ] 3#\*\*2)#\$!:4!,!%A.P%  
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( .%!92--!9 . \*#!%&, (!%A..!9##%2(+-.!7#\*!-#9 #-%#\*E! J :-#( 6#/.\*. 9!9 . \*#!%&, (!%A..!  
9##%2(+-.!7#\*!-#9 #-%#\*!-&, <<6. (-%2% '%%#!+\*. '() -!. \*!\*#9 .3, <E!  
)E 5%' )#( %!5#( ,%. \*-!9 '-%!, %%#()!, <<9 ,() ,%. \*4!#3#(%-!)##9 #)! :4!%&#!K\*#-2)#( !.. \*!R26#!  
K\*#-2)#( %\$!' (<#--!%&#4!, \*#!c/. \*9 ,<<4!#;6' -#)C!7\*2.. \*!%. !%&#!#3#(%E!

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( %)\*+%, !- ./\*0\$!1213!



!"#\$%!!8!

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,E 5&.'<)!!&! ] //26#!./!!&!S2\*#6%.\*!./!0#6&( .<.+4!.!/5%' )#(!!D.3#\*( 9 #(!!:#6.9#!  
3,6,(!!&!K\*#-2)#(!!./!5%' )#(!!D.3#\*( 9 #(!!:-&,!!9,B#!,!#A!,77.2(%9#(!!-' :N#6%!!..!  
,77\*.3,<!:4!,!!A.P%&2\*)-!9,N.\*2%4!3.%#!./!!&!5%' )#(!!5#(,%#E!  
:E 0&!#( #A!S2\*#6%.\*!./!0#6&( .<.+4!A2<!#9,2(!2(.//26#!./!\*!&!#\*#9,2()#\*!./!!&,!!#\*9 E!

5#6%2. (!ZE!5%' )#(!!5#(,%#! I #9 :#\*-!

,E R,6,(62#-!2(!5%' )#(!!5#(,%#!7.-2%2.(-!A2<!:#!/2<%#)!:4!,77.2(%9#(!!,/##\*!&!5%' )#(!!  
5#(,%#!\*#32#A-!,77<6,%2.(-!/\*.9 !2(%#\*#-%#)!,()!#2+2:<#!-%' )#(!!-E!!  
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,E 0&#! ! "#\$%&%'%"#(/%01(2%'\*1#%(3 "415#61#%"#/(701(8#&415\$%, ("/(295)%"#!-&, <! - '7#\*-#)#!, (4!, ()!, <!7\*#32. '-!>. (-%2%&%2. (-!.!/5%)#(%!D.3#\*(9#(%!, -!.!/%&%!), %#!./! \* ,%2/26, %2. (.!/!%&2->. (-%2%&%2. (12()26, %#)!)2(!%&%!/..%#\*\$!, /%#\*!2%12-!, 77\*.3#)! :4!%&%!R26#! K\*#-2) #(%!/.\*!5%)#(%!`2/#E!

:E 0&#! ! "#\$%&%'%"#(/%01(2%'\*1#%(3 "415#61#%"#/(%01(8#&415\$%, ("/(295)%"#!-&, <! :#6. 9#!//#6%23#!, /%#\*, 77\*.3, <!:4!, !%A.P%&2\*)-!9, N.\*2%4!.!/!%&%!( '9 :#\*!7\*#-#(%\$! 0'.\*'9!7\*.32)#!, !%, !5%)#(%!5#(, %#!9##%2(+E!

6E 0&#! ! "#\$%&%'%"#(/%01(2%'\*1#%(3 "415#61#%"#/(%01(8#&415\$%, ("/(295)%"#!-&, <!:#!

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5#6%2. (!FE!M ;#6 '%23#!M<#6%2. (-!

,E M<#6%2. (!./!%&#!K\*-#-2)#(%!, ()!R26#!K\*-#-2)#(%!.!/5%' )#(%!D.3#\*( 9#(%!-&, <<!:#!  
6. () '6%#)!, -!. '%2(#)!2(!%&#!2%' \*I#%(3 "415#61#%(; -19%" "#(< '-I\$()#\*(=5"9I\*'51\$!:!

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,E 0&#!>&2#/!. /!5%, //!A2<</, 62<2%, %#!%&#!-7\*2(+!#<#6%2. (-

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5#6%2.(!FE!8(..\*)#\*/..\*,!6<'!..\*!.\*+, (2@,%2.(\$!2(6<')2(+!5%' )#(%!D.3#\*(9#(%\$!.!:#!#<+2:<#/..\*!

,()!\*#6#23#!,77\*.7\*2,%#)!/-0.2(2)Q.24000.2412589.92cB15000.2412589.92cB14200422200-2299TmT21Tf(!)T8



!"#\$%!!'6!

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6E 0&#!'(/.\*#-##(!6.-%!9'-%!(.%!:#!7,\*%!.!/%%&#!6<':C-,((',<!:')+##!\*#O'#+-%E!  
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HE S '\*2(+!7#\*2.)-!.!/2(, <#;, 92(%2.(\$!%&#!5%' )#(%!5#(,%#!-&,<!(.%!9##%?!  
)'\*2(+!%&#!7#\*2.)-\$!2%-&,<!:#!,%!%&#!)2-6\*#%2.(!./#,6&!>.992%##%!.!  
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O&#!<#;2:22%4!.!/!%&2-!%29#//\*,9#!2-,%!&#!)2-6\*#%2.(!./!%&#!>&,2\*7#\*-.(E!

HE Q2<-!.(!\2\*-%!a#,)2(+T! " &#(!,!2<!2-!:\*. '+&%:#/.\*#!%&#!5%' )#(%5#(,%#!2%-&, <!:#!7<,6#!).( !i \2\*-%!a#,)2(+Ej!0&#!\2\*-%!a#,)2(+!-&, <!-#\*3#!,-!,!7#\*2.)!.!/2(2%,<!#)2%2(+!\*#+,\* )2(+!-7#<2(+\$!+\*,99,\*\$,(),!-4(%;,E!J9#()9#(%-!9,4!:#!-'++#-%#):4!, (4!5%' )#(%!5#(,%#!9#9:#!(.%!2(6<')#)!)2(%&#!-7.(-.\*-&27!.!/!%&#!:2<E!J9#()9#(%-!9,4!:#!6.(%#-%#):4!%&#!,'%&.\*d-e!.!/!%&#!:2<\$!2(!A&26&!6,-#!,!%A.P%&2\*)-!3.%#!A2<!,77\*.3#!%&#!,9#()9#(%E!

UE Q2<-!.(!5#6.(!)a#,)2(+T!0&#!5#6.(!)a#,)2(+!-&, <!-#\*3#!,-!,!7#\*2.)!./!):,%#!,(),!9#()9#(%!\*#+,\* )2(+!-' :-,(6#!,(),!6.(%#;%!.!/!%&#!:2<E!J9#()9#(%-!9,4!:#!-'++#-%#):4!, (4!5#(,%#!9#9:#!(.%!2(6<')#)!)2(%&#!-7.(-.\*-&27!.!/!%&#!:2<E!J9#()9#(%-!9,4!:#!6.(%#-%#):4!%&#!,'%&.\*d-e!.!/!%&#!:2<\$!2(!A&26&!6,-#!,!%A.P%&2\*)-!3.%#!2(%&#!,/2\*9,%23#!A2<!,77\*.3#!%&#!,9#()9#(%E!

5#6%2.(!UE!S#6.\*'9!,()!S#:,%#!.(!%&#!<..\*!.!/!%&#!5%' )#(%!5#(,%#!

,E O&#!<..\*!.!/!%&#!5%' )#(%!5#(,%#!

FE O&#!>&,2\*7#\*-.(!./!%&#!5%' )#(%!5#(,%#!9,4!\*#6.+ (2@#!,(4!7#\*-.(!A&..!2-!(.%!,!9#9:#!%.!/!%&#!5%' )#(%!5#(,%#!.(!2--' #-!#\*9,(#!%.!%&#!9#,-'\*#!.!)2-6'--2.(!.(!%&#!<..\*!,%!&,%!29#E!

HE O&#!>&,2\*7#\*-.(!./!%&#!5%' )#(%!5#(,%#!.\*!%&#!



!"#\$%!!'9!

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5#6%2. (!FE!J (4!9#9 :#\*!. /!%&#!5%' )#(%!5#( ,%%!9 ,4!7\*. 7.-#!, 9#() 9#(%-!. !%&#!+,-) . \$("/(%0I(2%' \*1#%(3 "415#61#%" /(%0I(8#415\$%, ("/(295)#%" #:)

5#6%2. (!HE!J 9#() 9#(%-!-&, <!:#6. 9#!#/ #6%23#!, /%#!, 77\*. 3,<!:4!, !%&\*##P/. ' \*%&-!3. %#\$!0' . \*' 9! 7\*. 32) #)!!

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5#6%2. (!FE!0&#!>. (-%2%'%2. ( ,<!\*2+&%-!, ()!\*.<#-!. /!%&#!5%' )#(%!5#( ,%%!, \*#!#; 7<, 2(#)!2(%&#! ! "#\$%&%'%" #(/(%0I(2%' \*1#%(3 "415#61#%" /(%0I(8#415\$%, ("/(295)#%" #:)

5#6%2. (!HE!0&#! ! "#\$%&%'%" #(/(%0I(2%' \*1#%(3 "415#61#%" /(%0I(8#415\$%, ("/(295)#%" #(-' 7#\*-#) #-! %&!, ' %&. \*2%4!. /!%&#!+,-) . \$("/(%0I(2%' \*1#%(3 "415#61#%" /(%0I(8#415\$%, ("/(295)#%" #:)