```
Η
                                                           \mathbf{C}
"#$\%''$#!$\!()$*$+,)'!
                                                          A‰)&!CDEFGCHF1JJD!
                                                          (+2,18!'+))2#6?K'2+%$#51&5<!!
-#$).!/)O$12#'!"#$3#2+!4$$#5,*26$#!
7&82#6+&*6!$%()$*$+,)'9!:,*2*)&9!2*5!!!
        ; <2*6,626,=&!>*21?','!
                                                          M$\#.!+2,1,*3!255\#\&''B!
-#$).!/)O$$1!$%!-<',*&''!
                                                         NDD!O2. &'O$#&!7#,=&!
/2+\$\#5!@*,=&\#',6?!!
                                                          -,#+,*302+9!>12P2+2!QECCR!
\mathbf{E}
"OL7L! ()$*$+,)'9!@*,=&#',6?!$%\S2#?12*5!26!4$11&3&!"2#.9!CDDH!
        7,''&#626,$*B!T(''2?'!$*!U$1<*6&&#,*3V!
        >5=,'$#'B!M,11,2+!WL!(=2*'9!X$P&#6!/)0Y2P9!Z2602#,*&!>P#202+!
```

Sl>l!

! " #\$%&'&\$()! &'*+#\$, &-.\$0\$

```
/$<60&#*!()$*$+,)!>''$),26,$*!>**<21!4$*%#&*)&#!CDJN9!CDJH9!CDJE9!CDJ19!CDDC9!CDDN9!CDDG9!CDDH!!
@*,=&#',6?!$%>12P2+2!26!b<*6'=,11&B!CDJI9!CDJJL!!
>''$),26,$*!%$#!60&!/6<5?!$%\X&1,3,$*9!()$*$+,)'9!2*5!4<16<#&B!CDJI9!CDJJ9!CDJDL!
> + &#,)2*!()$*$+,)!>''$),26,$*B!CDJI9!CDJC9!CDDR!!!
>''$),26,$*!%$#!X&'&2#)O!$*!W$*8#$%6!A#32*,h26,$*'!2*5!U$1<*62#?!>)6,=,6?B!CDJQ9!CDJJ9!CDDGL!!
>)25&+?!$%!: ,*2*),21!/&#=,)&'B!CDJQ!!
A0,\$!@^*,=\$\#',6?!()\$^*\$+,)'!0\$)6<\#\$!/\$\#,\&'B!CDJQ!!!
4$=&*2*6!4$11&3&!()$*$+,)'!O&)6<#&!/&#,&'B!CDJQL!!
/2+\$#5!@*,=&#',6?!-#$Y*!-23B!CDJC9!CDDG![C\L!!
M2'0,*36*!d!0&&!@*,=&#',6?!X&'&2#)0!/&+,*2#B!CDJJ!!
c*6&#*26,$*21!"&#'8&)6,=&'!,*!`,+&!@'&!X&'&2#)OB!CDJJL
>)25&+?!$%!()$*$+,)'!2*5!:,*2*)&B!CDJJL!!
>''$),26,$*!$%!"<P1,)!"$1,)?!>*21?','!2*5!$2*23&+&*6!>**<21!$&&6,*38!CDJDL!
@>-!/)0$$1!$%!"<P1,)!b&2160!M$#. '!,*!"#$3#&''!/&+,*2#!/&#,&'B!!CDJD9!CDDNL!
()$*$+,)!/),&*)&!>''$),26,$*!M$#15!$&&6,*3B!CDDN9!CDDGL!
c*6&#*26,$*21!>''$),26,$*!$\\`,+&!@'&!X&'&2#)0!>**<21!$&&6,*3B!CDDG!!
c*'6,6<6&!%$#!/6<5,&'!$%O2P$#!`$8,)!M&&.9!TW$*+2#.&6!`,+&!,*!()$*$+,)'9V!-$**9!__&#+2*?B!CDDG!!!
72+\$#5!@*,=&#',6?!
        "#,*),81&'!$%!$,)#$&)$*$+,)'!o!
        "<P1,)!: ,*2*)&!2*5!"<P1,)!"$1,)?!o!
        ()$*$+&6#,)'!0!
        "#,*),81&'!$%\$2)#$&)$*$+,)'!
```

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4$11&3&!$%|\b&2160!/),&*)&'!\b&2160)2#&!>5+,*,'6#26,$*!: 2)<16?!/&2#)09!CDJNFCDJRI!
: 2)<16?!/&*26&9!/2+%$#5!@*,=&#',6?9!CDJE!^!CDJNL!
()$*$+,)!A<61$$.!"#&'&*626,$*B!
       c*'6,6<6&!$\%\$2*23&+&*6!>))$<*62*6'!4$*6,*<,*3!(5<)26,$*!$$*601?!$&&6,*39!-,#+,*302+!
                40286&#9!$2#)0!CDDRFCDJRL!
        >12P2+2!`,61&!4$+82*?!M&P,*2#!%$#!X&21!('626&!''#$\%'',$*21'9!CDJRL!
        : ,*2*),21!(e&)<6,=&'!c*6&#*26,$*21!S$*601?!S&&6,*39!CDDR9!CDJNL!
       c*'6,6<6&!$\%\$2*23\&+&*6!>))$<*62*6'!4$*6,*<,*3!(5<)26,$*!$$*601?!$&&6,*39!/$<60!-,#+,*302+!
                40286&#9!S2#)0!CDJH9!CDJGL!
        >''$),26&!''#$%&''$#!0&25&#'0,8!7&=&1$8+&*6!''#$3#2+9!/2+%$#5!@*,=&#',6?9!CDJG!^!CDJNL!
:,*2*)&!: 2)<16?!/&2#)O9!-#$).!/)O$$1!$%!-<',*&''!26!/2+%$#5!@*,=&#',6?9!CDJE!^!CDJHL!
: 2)<16?!$&*6$#9!/2+%$#5!@*,=&#',6?!W&Y!: 2)<16?!$&*6$#,*3!''#$3#2+9!CDJC!^!CDJE!!
(2)<16?!7&=81$8+8*6!4$++,66889!CDDR!^!CDJC!!
: ,*2*)&9! ()$*$+,)'9!2*5!; <2*6,626,=&!$&60$5'!7&82#6+&*621!402,#!/&2#)0!4$++,66&&9!@>-9!: 211!CDDN!
: 2)<16?!>5=,'$#9!A+,)#$*!7&162!(8',1$*9!@>-9!CDDN!^!CDDRL!
: 2)<16?!>5=,'$#9!X&%$#+&5!@*,=&#',6?!: &11$Y'0,89!@>-9!CDDN!^!CDDRL!
/)0$$1!$%| - <', *&''!2*5!7&82#6+&*621!#&8#&'&*626,=&9!8#$'8&)6,=&!'6<5&*6!#&)#<,6,*3!2*5!, *%$#+26,$*!52?'9!
@>-9!CDDH!^!CDDNL!
"#&"'!c*6&#=,&Y'B!
        `&1&=,',$*!,*6&#=,&Y9!a2*<2#?!JN9!CDJQ9!
                                                   L!pj $<#!82?)0&).!k<'6!6$$.!2!0,6L]!/&#=&5!2'!&e8&#6!%$#!
       #&8$#6!$*!&e8,#26,$*!$%: c4>!62e!P&*&%,6L!
       a$<#*21!, *6&#=,&Y9!a<*&!J9!CDJC9!
                                                              9!pS_{5}.5?\&2#!()$*$+,)!A<61$$.1]!/&#=&5!2'!
        &e8&#6L!
```

W&Y'828&#!, *6&#=,&Y9!><3<'6!CC9!CDDR9!q\\$&6#\$!<*&+81\$?+&*6!5#\$8'!6\$!RLRr'!,*!a<1?LV! !!/&#=&5!2'!&e8!\\$#!2#6,)1&!2P\$<6!<*&+81\$?+&*69!!

W&Y'828&#!,*6&#=,&Y9!CDDN9!q\$6*L!-#\$\$.!\$*!,+82)6!1,'6!\$232h,*&!8#&5,)6'!&)\$*\$+,)!0,6s!&e8'!
5,'23#&&lq!
!!/&#=&5!2'!&e8!%\$#!2#6,)1&!\$*!60&!1\$)21!&)\$*\$+?L!

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${f E}$:	
X&'&2#)O!>'','62*6!	ļ		4&*6&#!%\$#!c*%\$#+26,\$*!2*5!X&'&2#)0!\$*!4,=,)!0&2#*,*3!d! (*323&+&*69!@*,=&#',6?!\$%\$\$2#?12*5!/)0\$\$1!\$%''<P1,)!''\$1,)?! a<*&!CDDI!^!/&86&+P&#!CDDI!!</td></tr><tr><td>! #25<26&!: &11\$Y! !</td><td>ļ</td><td></td><td>>)25&+?!%\$#!(5<)26,\$*21!7&=&1\$8+&*69!M2'0,*36\$*9!7L4L!! a<*&!CDDJ!^!A)6\$P&#!CDDJL!</td></tr><tr><td>I</td><td></td><td></td><td></td></tr></tbody></table>

4,6,h&*'0,88!@/>!