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7UDQVODWHG IURP \$UDELF

'HFODUDWLRQ RI WKH 0LQLVWU\ RI )RUHLJQ \$IIDLUV RI WKH \$UDE 5HSXE

7KH 0LQLVWU\ UHIHUV WR GHFLVLRQ 1R RI WKMDQGHVLGHQV  
PDULWLPH ]RQH RI WKH \$UDE 5HSXEOLF RI (J\\$MQHZKIDKZRDWKSHHSQRLWLHNGH  
OD\ UHWHUV DOVR WIRR WKRHO ~~GWKHDIEUD~~ MVLVRQ\ RI )RUHLJQ \$IDLUV RI WK  
GDWHG 'HFHPEHU )"E;\éOLF-@\\$I A"éòTMO )^V8† °À€ {EGHP @"à`PHWDU\  
RQ \\$SULO EHWZHQLOF VRK H J\\$ S~~WEDKOS~~ RVER H 6DXGL \\$UDELD

7KH \$UDE 5HSXEOLF RI (J\SW UHMHFVW WKH GHFODUDWLRQ PD

VR X W KWRK H QG S D U D O C  
RI OD W L K H G D Q D V V H U W V W K D W Q Q M S K D W V V W R I F F F 6 X S G D Q J K D W K R Z L B Y M H D U L F U  
W K H + D O D T L E D Q G 6 K D O D W L Q D U H D L V O R F D W H G Q R H U V K R B D W L K V H L Q Q M G U S K D  
D U L Q F R Q V L V W H Q W Z L W K W K H V R X Q G O H J D Q V I X G I P D Q S H G V W Q B R / Q R I Q Q R W L R K Q H 1 S P  
W K F R Q V L V W H Q W Z L W K W K H S U R Y L V L R Q D O W Q D D M R I B U R H I R A U K V K Q G B M H G D V Q W U D  
D G P L Q L V W U D W L Y H G H F L V L R Q V W D N H Q I R U K X P D Q L W D U L D Q S X U S R V H V E V  
(J) S W L D Q F R Q G R B I H Q F L X I P R Q K R H Q W D L O Q R F K D Q J H W R W K H L Q W H U Q D W L R Q

(J\SW UHDII LUPV WKH SRLQWV PDGH LQ D<sup>+</sup>HQ IRW D<sup>0</sup>V D<sup>-</sup>Q WUWHV S F  
YDULRXV 8QLWHG 1DWLRQV DJHQFLHV LQ DWKDW DUHQGDU GR Y QP D<sup>+</sup>X<sup>-</sup> L Q J WU  
3HUPDQHQW 5HSUHVHQWDWLHYH RI (J\SW WR W<sup>+</sup>K<sup>-</sup>H<sup>0</sup>QDLOV H<sup>0</sup>GK R D<sup>0</sup>M LORHQWWDHG/G  
(J\SW KDV VRYHUHLJQW\ RYHU WKH WHUULWRULDO ZDKW H<sup>0</sup>UW D<sup>0</sup>GHMUD F<sup>0</sup>HQDW M  
WKDW (J\SW KD<sup>0</sup>W<sup>+</sup>U<sup>0</sup>H<sup>0</sup>R<sup>0</sup>D<sup>0</sup>W<sup>0</sup>D<sup>0</sup>X<sup>0</sup>H<sup>0</sup>FYLHV/H LWV VRYHUHLJQ ULJKWV LQ DOO RI L  
H[FOXVLYH HFRQRPLF J<sup>0</sup>RQH DQG WKH 5HG 6HD FRQWLQHQWDO VKHOI

(J) SWLQHQHWRWLDWWRWQKWWKHWRGRDFWKRHMQWHSRVLWTHHQIZUW&WCH6BF  
SXUVXDQWWRDUWLFOHSUDUDJSKRIWKH8QLWHG1DWLRQV&  
VHWVRXWWKHOLVWRIJHRJUDSKISFWERQLEGOLVQHDOWLQWVRIQWKKHHSFRHLQWMDR&  
ZLWKGHFLVLRQRWKRH3UHVVLGHZKNGFRKL(QHSWWKHEDVHSRPLQWWXQDQGEDVHO  
PDULWLPHJRQHRI(J)SWLQFOXGLQJWKDWORFDWVH'G(LQIWKHKGHHG6HD  
FRPPXQLZDWISRKOLV&QHGWEGWILQHVVIRQQIRU2FHDQ\$11DLUV/DZ&IWKKH/DZ  
6HD%X10ROHWHLQHPEHU

(J\SWH~~K~~FLVHG DOO IRUPV RI SHUPDQIRQWUDQVXRQLQWBLQLGXSQGIGW  
ZDWHUV LQFOXGLQJ WKH VRYHUHLJQ ULJKW WR FRQFOXGH LQHVHUQDWL  
LQWHUQDWLRQDVOVRKRPXVKHARVQYHUGH LJQW\ RI (J\SWUWKHRUI DVOKH R IQLGS\DW  
QRUWK

7KH \*RYHUQPHQW RI (J\SW HP SKLDPV W\H\ WHM\ RQDQW VVW KWHK D\WR UZGDHUFQ\ FO X C  
(J\SW DQG 6DXGL \$UD EHLOQWRHQ\ H\\$ SLQQLVOR I RDQF\ GI Q\EDS R V\LOM\ H G ZLWK WKH 6HFU  
8QLWHG 1DWLRQVZ RW\K W\K\H\ U\H\ H\H\ Q\H\ E\H\ Q\H\ XEP\EDHUV HO\LDPLVW\K\I\ BPHDPU\H\QWL\ PGH  
ERUGHU LQ WKH 5HG TD\EDD D Q\G ZWDVH F\RXQDF\ ORXIG\\$ G EHWZH\Q WZR VRYH\U\H\ L J  
SURYLVLRQV RILWQM & Q\W\H\Q W\LDRAQ6 R\B\W\Z\K\H\ F\IOZ\W\MDKWRHS\ R\KIDW\H\K\ N\KURLW\K\W  
WROG\ P\N\K\H\ L\U\ P\DU\W\P\W\ D\EU\O\H\G\H\PU\H\Q\ W\A

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