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C a S

C a La C

O a T a

M ,O /USA

01/1992-04/1996

A I

Ja ,J ,a M Ma S A S a S ,Ca W R U

Ma P a

C a ,O /USA

08/1992-12/2011

A I

Ca a U (C a Ca )

S a W D a

C a ,O /USA

08/1991-12/1994

C a S a W

W C

W ,O /USA

01/1989-12/1991

P a S a W

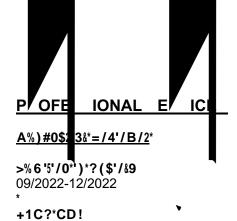
La C M a H a C

M ,O /USA

05/1985-09/1985
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Ca W R U /U C I a Ta &E a (UCITE)
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01/2018-04/2018
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01/1989-12/1990
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B a J C B a
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01/2004-12/2005
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B a J C B a
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08/2003
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07/2018-02/2019

Ja, Ja, MàS, ASaS, CaW, RU, \$\frac{1}{5}, \(\((15^*\)?\)(\(15^*\)?\\$\(6^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\)(\(15^*\))\\$\(15^*\)(\(15^*\))\(\(15^*\))\\$\(15^*\)(\(15^*\))\(\(15^*\))\(\(15^*\)(\(15^*\))\(\(15^*\))\(\(15^*\)(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\)(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\))\(\(15^*\)

Ca W R U J)'4/20'89*7/)8/2*0(2*K))(4%4'()*')*./%\$,')8*L*!"#\$%4'()*MJ7K.!N*E"4'0(29*7(66'&8//*I*A/60/2*09/2022-

Ja , J a M Ma S A S a S , Ca W R U A%) " /5*?\$, ((5*E2&*7(66'&&//*I*A/60/2* 08/2022-

Ja , J a M Ma S A S a S , Ca W R U E)&';-'0\$2'6')%'():*!P#'&9:*%)"*%)\$5#0'()*.%0H*>(2\$/*IA/60/2* 08/2022-

Ja , J a M Ma S A S a S , Ca W R U 7#22'\$#5#6*7 (66'\\\/ 1'*7 (;7 ,\%'2* 08/2018-

Ja , J a M Ma S A S a S , Ca W R U ! "#\$%!'()\%!\E00/\&0*?\#0\\$(66'\&\/\!*7(;7,\%'2*\
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Ja , J a M Ma S A S a S , Ca W R U K) 0 (26% 1'()*./\$,) (5 (89*7 (66'\) 6'\) 4×10^{12} 08/2018-05/2022

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S a S , Ca W R U , 2019, 150 a ,
              a a
C a A I (CHAI), Ja , J a M Ma S A S a S Ca W R U , 2019, 200 a , a
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Eaa Paa Pa, Ja, Ja Mas Asas
CaW R U, 2019, 150 a, aa a
aaa.
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SASS 375A: I a a T a & S A a : H a , H a a S a D U a & R a E a ; 145 a a 240 a a ; U a a T a a S
S ; 08/2019-02/2020 (1 time).
SASS 477: D Pa F a M S ; 42 a
; Ma G a S ; 2015-2019 a a (5 times).
SASS 477: D Pa
                                             42 a a 84 a a
SASS 500: S a T A S a S (M ); 42 a a 84 a a ; Ma S a S ; 2020-2024 a a (5 times).
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SASS 502: C a A I ; 14 a a 28 a a ; Ma G a S ; 2020-2023, (2020, 2021) (2022, 2023) a a (6 times).

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SASS 509: G T a Pa; 28 a a 56 a a ; Ma G a S ; 2020-2023, a a (4 \ times).
SASS 530: P a E a a ; 42 a a 84 a a ; Ma S a S ; 2016-2020, (2016, 2017, 2019, 2020), a a a (2018) (7 \text{ times}).
; 14 a a 28 a a
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SASS 542: E a a P a a P a ; 42 a a 84 a a ; Ma S a S ; 2020-2024, (2022, 2023) a a (2020, 2021) (6
SASS 542: Eaa Paa Pa;
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SASS 549: T /Pa A a D Pa S a W ; 42 a a 84 a a ; Ma S a S ; (2016, 2018) (2017) a a (4
times).
SASS 564 S a W P a A a O D A ; 42 a a 84 a a ; Ma S a S ; 01/2019-05/2019 (1 time).
SASS 575: Ta a S S a; 145 a a 240 a a ; G a a T a
a S S ; 08/2019-02/2020 (1 time).
SASS 598 I a R a ; 42 a a 84 a a ; Ma S a S ; 2019-2023, (2020, 2023) (2019, 2022) a a (6\_times).
C_{8}, /2*+2/0/) \&%'() 0*
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!"8#/2:*A.:*W , Z.B. (2023, O). C a a G a C R a C a W M A -O A -Ra Pa . I a a C W M A -O , A -Ra Pa , I a S a W E a A a P a M , A a a, GA.

).S S E A H E a D T a a C S a W E a A a P a M , ! "8#/2:*A\$*(2022, N). S H E a D T A a , CA.*

 $\ref{loop:1.4} \mbox{"8\#/2:*A$} \mbox{ (2021, N). T U M Pa S aW E a W W a C S aW E a A aP a M , O a , FL. }$

W , Z.B., **! "8#/2:*A**\$ (2021, N). T a T : O
T a G a S a W C T a I
W E a A a P a M , O a , FL. a C S a

!"8#/2:*A\$, Ta , L. (2020, N). M S aW E a : A E a W . W a C S aW E a A aP a M W . W

6.

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 U C I Ta kE a ID#END595971

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 5 P E N Saa S \$15,900 A 202

BIBLIOG APH

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! "'&/ "*<((H0:*A()(82%3,0*(2*T(#2)%5*U(5#6/0*

1. B W , Z., ! "8#/2:*A\$*D., H , D. L., C , M., & G , G. C. (2022). C - Ba S aW E a : 25 Y a I a & L a .

<((H*L*<((H*7, %3&/20*

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- 5. ! "8#/2:*A\$D\$ (2012). I a a . I S. L , & M. Saa (E .), E a a a . (. 925-926). S V a .
- 6. **! "8#/2:*A**\$**D**\$ (2012). Ta aE . I S. L , & M. Saa (E .), E a a . (. 1441-1443). S V a .
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