

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
08 December 2022 (08.12.2022)



(10) International Publication Number
WO 2022/256390 A1

(51) International Patent Classification:

G06K 19/077 (2006.01) B32B 15/18 (2006.01)
B32B 15/082 (2006.01) B32B 15/20 (2006.01)

(21) International Application Number:

PCT/US2022/031748

(22) International Filing Date:

01 June 2022 (01.06.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

17/335,608 01 June 2021 (01.06.2021) US

(71) Applicant: AMERICAN EXPRESS TRAVEL RELATED SERVICES CO., INC. [US/US]; 200 Vesey Street, New York, New York 10285-4900 (US).

(72) Inventor: COLEMAN, James Bruce; 200 Vesey Street, New York, New York 10285 (US).

(74) Agent: ARVIND R. REDDY et al.; Thomas Horstemeyer LLP, 3200 Windy Hill Road SE, Suite 1600E, Atlanta, Georgia 30339 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available):

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available):

ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(54) Title: TRANSACTION CARD INCORPORATING ALUMINUM ALLOYS

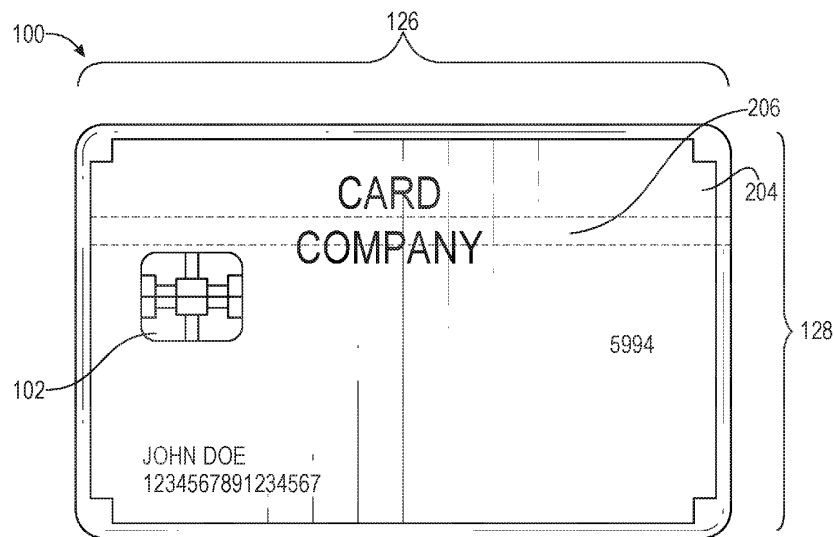


FIG. 1

(57) Abstract: Disclosed are examples of transaction cards incorporating aluminum or aluminum alloys. The aluminum can be extracted or recycled from a retired aircraft. Other materials can also be incorporated into the transaction card to provide sufficient weight and rigidity to the transaction card. Stainless steel can be incorporated into the construction of the card in combination with aluminum to provide a desired user experience.

[Continued on next page]

WO 2022/256390 A1

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*