EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 897

DATE: AUGUST 1, 2020

PROJECT MP0246

The following classification changes will be effected by this Notice of Changes:

Action	Subclass	Group(s)
SCHEME:		
Titles Changed:	G06F	3/00, 3/02, 3/023, 3/033, 3/06, 3/08, 3/14
DEFINITIONS:		
Definitions Modified:	G06F	3/00, 3/02, 3/023, 3/033, 3/06, 3/08, 3/14

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

      ☒ A. New, Modified or Deleted Group(s)

      ☐ B. New, Modified or Deleted Warning(s)

      ☐ C. New, Modified or Deleted Note(s)

      ☐ D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

      ☐ A. New or Modified Definitions (Full definition template)

      ☒ B. Modified or Deleted Definitions (Definitions Quick Fix)

3. ☐ REVISION CONCORDANCE LIST (RCL)

4. ☐ CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. ☐ CHANGES TO THE CROSS-REFERENCE LIST (CRL)

DATE: AUGUST 1, 2020

PROJECT MP0246

1. CLASSIFICATION SCHEME CHANGES

   A. New, Modified or Deleted Group(s)

SUBCLASS G06F – ELECTRIC DIGITAL DATA PROCESSING (computers in which a part of the computation is effected hydraulically or pneumatically G06D, optically G06E; computer systems based on specific computational models G06N)

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G06F3/00	0	Input arrangements for transferring data to be processed into a form capable of being handled by the computer; Output arrangements for transferring data from processing unit to output unit, e.g. interface arrangements	
M	G06F3/02	2	Input arrangements using manually operated switches, e.g. using keyboards or dials	
M	G06F3/023	3	Arrangements for converting discrete items of information into a coded form, e.g. arrangements for interpreting keyboard generated codes as alphanumeric codes, operand codes or instruction codes	
M	G06F3/033	3	Pointing devices displaced or positioned by the user, e.g. mice, trackballs, pens or joysticks; Accessories therefor (digitisers characterised by the transducing means G06F 3/041)	
M	G06F3/06	1	Digital input from or digital output to record carriers{, e.g. RAID, emulated record carriers, networked record carriers}	
M	G06F3/08	2	from or to individual record carriers, e.g. punched card{, memory card, integrated circuit [IC] card or smart card}	
M	G06F3/14	1	Digital output to display device{; Cooperation and interconnection of the display device with other functional units}	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; T= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:
- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- U groups: it is obligatory to display the required "anchor" symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups).Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types .

CPC NOTICE OF CHANGES 897

DATE: AUGUST 1, 2020

PROJECT MP0246

- "Transferred to" column <u>must</u> be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>", "<administrative transfer to XX and YY simultaneously>", or "<administrative transfer to XX, YY, ...and ZZ simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be "additional information".
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations "ADD" or "INV": <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the "D" entries of 2000-series or Y-series groups may not require a destination ("Transferred to") symbol, however it is required to specify "<no transfer>" in the "Transferred to" column for such cases.
- For finalisation projects, the deleted "F" symbols should have <no transfer> in the "Transferred to" column.
- For more details about the types of scheme change, see CPC Guide.

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
G06F 3/00	Definition statement	**Definition statement** *This place covers:* Input arrangements which are not covered in specific subgroups under it in the hierarchy	<u>Delete</u> the entire Definition statement section.
G06F 3/02	Limiting references	***Limiting references*** *This place does not cover:* Details related to integrated keyboard of portable computers G06F 1/1662 Keyboard switches per se H01H 13/70 Electronic switches characterised by the way in which the control signals are generated H03K 17/94	<u>Delete</u> the entire Limiting references section.
G06F 3/02			<u>Insert</u> the following <u>new</u> Informative references section. ***Informative references*** *Attention is drawn to the following places, which may be of interest for search:* Details related to integrated keyboard of portable computers G06F 1/1662

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
			Keyboard switches per se H01H 13/70

Electronic switches characterised by the way in which the control signals are generated H03K 17/94 |
| G06F 3/023 | Limiting references | *Limiting references* *This place does not cover:*

Virtual keyboards displayed on a touchscreen G06F 3/04886

Coding in connection with keyboards, i.e. coding of the position of operated keys H03M 11/00 | Delete the entire Limiting references section. |
| G06F 3/023 | | | Insert the following new Informative references section.

Informative references *Attention is drawn to the following places, which may be of interest for search:*

Virtual keyboards displayed on a touchscreen G06F 3/04886

Coding in connection with keyboards, i.e. coding of the position of operated keys H03M 11/00 |

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
G06F 3/033	Limiting references	**_Limiting references_** _This place does not cover:_ Details of optical sensing in input devices G06F 3/0304 Arrangement for interfacing a joystick to a computer G06F 3/038 Constructional details of joysticks G05G 9/047	<u>Replace</u> all three rows in the Limiting references section with the following one row. Digitisers characterised by the transducing means G06F 3/041
G06F 3/033			<u>Insert</u> the following <u>new</u> Informative references section. **_Informative references_** _Attention is drawn to the following places, which may be of interest for search:_ Details of optical sensing in input devices G06F 3/0304 Arrangement for interfacing a joystick to a computer G06F 3/038 Constructional details of joysticks G05G 9/047

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
G06F 3/06			<u>Insert</u> the following <u>new</u> Informative references section. ***Informative references*** *Attention is drawn to the following places, which may be of interest for search:* Recording or reproducing devices per se G11B Error detection, error correction, monitoring per se regarding storage systems G06F 11/00 Accessing or addressing within memory systems or architectures G06F 12/00 Information retrieval G06F 16/00
G06F 3/08	Limiting references	***Limiting references*** *This place does not cover:* Information transfer using universal interface adapter G06F 13/382 Methods or arrangements for sensing record carriers G06K 7/00 Record carriers with integrated circuit chips G06K 19/07	<u>Delete</u> the entire Limiting references section.

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
		Active credit-cards provided with means to personalise their use G07F 7/1008	
G06F 3/08	Informative references		Insert the following two new rows in the Informative references section. Information transfer using universal interface adapter G06F 13/382 Methods or arrangements for sensing record carriers G06K 7/00
G06F 3/08	Synonyms and Keywords	Memory card, Integrated Circuit (IC) card, Smart card, Intelligent card, Active card	Replace the existing text in the Synonyms and Keywords section with the following. *In patent documents, the following words/expressions are often used as synonyms:* • Memory card • Integrated Circuit (IC) card • Smart card • Intelligent card • Active card
G06F 3/14	Limiting references	***Limiting references*** *This place does not cover:* Arrangements for producing a permanent visual presentation of the output data G06K 15/00	Delete the entire Limiting references section.

DATE: AUGUST 1, 2020

PROJECT MP0246

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
		Control of display in general G09G	
G06F 3/14	Informative references		<u>Insert</u> the following two new rows in the Informative references section. Arrangements for producing a permanent visual presentation of the output data G06K 15/00 Control of display in general G09G

NOTES:
- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.