EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 925

DATE: AUGUST 1, 2020

PROJECT RP0322

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

Action	Subclass	Group(s)
SCHEME:		
Symbols Deleted	Y10T	428/10, 428/1005, 428/1009, 428/1014, 428/1018, 428/1023, 428/1027, 428/1032, 428/1036, 428/1041, 428/1045, 428/105, 428/1055, 428/1059, 428/1064, 428/1068, 428/1073, 428/1077, 428/1082, 428/1086, 428/1091, 428/1095
Symbols New:	C09K	2323/00, 2323/02, 2323/021, 2323/023, 2323/025, 2323/027, 2323/0271, 2323/0273, 2323/03, 2323/031, 2323/033, 2323/035, 2323/04, 2323/05, 2323/051, 2323/053, 2323/055, 2323/057, 2323/059, 2323/06, 2323/061

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)

1. CLASSIFICATION SCHEME CHANGES

    A. New, Modified or Deleted Group(s)

SUBCLASS C09K - MATERIALS FOR MISCELLANEOUS APPLICATIONS, NOT PROVIDED FOR ELSEWHERE

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#
U	C09K 2219/17	1	used as a medium, in which detection of chemical compounds takes place	
N	C09K 2323/00	0	Functional layers of liquid crystal optical display excluding electroactive liquid crystal layer characterised by chemical composition	
N	C09K 2323/02	1	Alignment layer characterised by chemical composition	
N	C09K 2323/021	2	Inorganic, e.g. glass or silicon oxide	
N	C09K 2323/023	2	Organic silicon compound, e.g. organosilicon	
N	C09K 2323/025	2	Polyamide	
N	C09K 2323/027	2	Polyimide	
N	C09K 2323/0271	3	Polyimidfluoride	
N	C09K 2323/0273	3	Polyimidmetalo	
N	C09K 2323/03	1	Viewing layer characterised by chemical composition	
N	C09K 2323/031	2	Polarizer or dye	
N	C09K 2323/033	2	Silicon compound, e.g. glass or organosilicon	
N	C09K 2323/035	2	Ester polymer, e.g. polycarbonate, polyacrylate or polyester	

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#
N	C09K 2323/04	1	Charge transferring layer characterised by chemical composition, i.e. conductive	
N	C09K 2323/05	1	Bonding or intermediate layer characterised by chemical composition, e.g. sealant or spacer	
N	C09K 2323/051	2	Inorganic, e.g. glass or silicon oxide	
N	C09K 2323/053	2	Organic silicon compound, e.g. organosilicon	
N	C09K 2323/055	2	Epoxy	
N	C09K 2323/057	2	Ester polymer, e.g. polycarbonate, polyacrylate or polyester	
N	C09K 2323/059	2	Unsaturated aliphatic polymer, e.g. vinyl	
N	C09K 2323/06	1	Substrate layer characterised by chemical composition	
N	C09K 2323/061	2	Inorganic, e.g. ceramic, metallic or glass	

SUBCLASS Y10T - TECHNICAL SUBJECTS COVERED BY FORMER US CLASSIFICATION

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#
D	Y10T 428/10	1	Liquid crystal optical display having layer of specified composition	<administrative transfer to C09K2323/00>
D	Y10T 428/1005	2	Alignment layer of specified composition	<administrative transfer to C09K2323/02>
D	Y10T 428/1009	3	Alignment layer is inorganic	<administrative transfer to C09K2323/021>

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#
D	Y10T 428/1014	3	Silicon compound [i.e., organosilicon]	\<administrative transfer to C09K2323/023>
D	Y10T 428/1018	3	Polyamide	\<administrative transfer to C09K2323/025>
D	Y10T 428/1023	3	Polyimide	\<administrative transfer to C09K2323/027>
D	Y10T 428/1027	4	Polyimidfluoride	\<administrative transfer to C09K2323/0271>
D	Y10T 428/1032	4	Polyimidmetalo	\<administrative transfer to C09K2323/0273>
D	Y10T 428/1036	2	with viewing layer of specified composition	\<administrative transfer to C09K2323/03>
D	Y10T 428/1041	3	Polarizer or dye containing viewing layer	\<administrative transfer to C09K2323/031>
D	Y10T 428/1045	3	Silicon compound [e.g., glass, organosilicon, etc.]	\<administrative transfer to C09K2323/033>
D	Y10T 428/105	3	Ester [e.g., polycarbonate, polyacrylate, etc.]	\<administrative transfer to C09K2323/035>
D	Y10T 428/1055	2	with charge transferring layer of specified composition	\<administrative transfer to C09K2323/04>
D	Y10T 428/1059	2	with bonding or intermediate layer of specified composition [e.g., sealant, space, etc.]	\<administrative transfer to C09K2323/05>
D	Y10T 428/1064	3	Inorganic layer	\<administrative transfer to C09K2323/051>
D	Y10T 428/1068	3	Silicon compound [i.e., organosilicon]	\<administrative transfer to C09K2323/053>
D	Y10T 428/1073	3	Epoxy	\<administrative transfer to C09K2323/055>

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#
D	Y10T 428/1077	3	Ester	<administrative transfer to C09K2323/057>
D	Y10T 428/1082	3	Unsaturated aliphatic polymer [e.g., vinyl, etc.]	<administrative transfer to C09K2323/059>
D	Y10T 428/1086	2	with substrate layer of specified composition	<administrative transfer to C09K2323/06>
D	Y10T 428/1091	3	Releasable substrate layer to expose adhesive	<administrative transfer to G02F2202/28 >
D	Y10T 428/1095	3	Inorganic substrate layer [e.g., ceramic, metallic, glass, etc.]	<administrative transfer to C09K2323/061>

*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.
- "Transferred to" column must 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.

3.   REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	Y10T 428/10	<administrative transfer to C09K2323/00>
D	Y10T 428/1005	<administrative transfer to C09K2323/02>
D	Y10T 428/1009	<administrative transfer to C09K2323/021>
D	Y10T 428/1014	<administrative transfer to C09K2323/023>
D	Y10T 428/1018	<administrative transfer to C09K2323/025>
D	Y10T 428/1023	<administrative transfer to C09K2323/027>
D	Y10T 428/1027	<administrative transfer to C09K2323/0271>
D	Y10T 428/1032	<administrative transfer to C09K2323/0273>
D	Y10T 428/1036	<administrative transfer to C09K2323/03>
D	Y10T 428/1041	<administrative transfer to C09K2323/031>
D	Y10T 428/1045	<administrative transfer to C09K2323/033>
D	Y10T 428/105	<administrative transfer to C09K2323/035>
D	Y10T428/1055	<administrative transfer to C09K2323/04>
D	Y10T428/1059	<administrative transfer to C09K2323/05>
D	Y10T 428/1064	<administrative transfer to C09K2323/051>
D	Y10T 428/1068	<administrative transfer to C09K2323/053>

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	Y10T 428/1073	\<administrative transfer to C09K2323/055\>
D	Y10T 428/1077	\<administrative transfer to C09K2323/057\>
D	Y10T 428/1082	\<administrative transfer to C09K2323/059\>
D	Y10T 428/1086	\<administrative transfer to C09K2323/06\>
D	Y10T 428/1091	\<administrative transfer to G02F2202/28\>
D	Y10T 428/1095	\<administrative transfer to C09K2323/061\>

* 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; D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:
- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the "To" column, do not use ranges of symbols.
- 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 ("To") symbol, however it is required to specify "<no transfer>" in the "To" column for such cases.
- RCL is not needed for finalisation projects.

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

CPC	**IPC**	**Action***
C09K 2323/00	CPCONLY	NEW
C09K 2323/02	CPCONLY	NEW
C09K 2323/021	CPCONLY	NEW
C09K 2323/023	CPCONLY	NEW
C09K 2323/025	CPCONLY	NEW
C09K 2323/027	CPCONLY	NEW
C09K 2323/0271	CPCONLY	NEW
C09K 2323/0273	CPCONLY	NEW
C09K 2323/03	CPCONLY	NEW
C09K 2323/031	CPCONLY	NEW
C09K 2323/033	CPCONLY	NEW
C09K 2323/035	CPCONLY	NEW
C09K 2323/04	CPCONLY	NEW
C09K 2323/05	CPCONLY	NEW
C09K 2323/051	CPCONLY	NEW
C09K 2323/053	CPCONLY	NEW
C09K 2323/055	CPCONLY	NEW
C09K 2323/057	CPCONLY	NEW
C09K 2323/059	CPCONLY	NEW
C09K 2323/06	CPCONLY	NEW
C09K 2323/061	CPCONLY	NEW
Y10T 428/10		DELETE
Y10T 428/1005		DELETE
Y10T 428/1009		DELETE
Y10T 428/1014		DELETE
Y10T 428/1018		DELETE
Y10T 428/1023		DELETE
Y10T 428/1027		DELETE
Y10T 428/1032		DELETE
Y10T 428/1036		DELETE
Y10T 428/1041		DELETE
Y10T 428/1045		DELETE
Y10T 428/105		DELETE
Y10T 428/1055		DELETE
Y10T 428/1059		DELETE
Y10T 428/1064		DELETE
Y10T 428/1068		DELETE
Y10T 428/1073		DELETE
Y10T 428/1077		DELETE
Y10T 428/1082		DELETE

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CPC	IPC	Action*
Y10T 428/1086		DELETE
Y10T 428/1091		DELETE
Y10T 428/1095		DELETE

*Action column:
- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with "NEW."
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with "UPDATED."
- For a (D) CPC entry or indexing entry complete the Action column with "DELETE." IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with "NEW".
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with "CPCONLY" and complete the action column with "NEW".

NOTES:
- F symbols are not included in the CICL table above.
- T and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.