

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1739

DATE: MAY 1, 2025

PROJECT RP0241-F

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	Y10T	24/45272, 24/45277, 24/45283, 24/45288, 24/45293, 24/45298, 24/45304, 24/45309, 24/45314, 24/45319, 24/45325, 24/4533, 24/45335, 24/4534, 24/45346, 24/45351, 24/45356, 24/45361, 24/45366, 24/45372, 24/45377, 24/45382, 24/45387, 24/45393, 24/45398, 24/45403, 24/45408, 24/45414, 24/45419, 24/45424, 24/45429, 24/45435, 24/4544, 24/45445, 24/4545, 24/45455
Warnings Deleted:	F16B	45/00, 45/002, 45/005, 45/02, 45/021, 45/022, 45/023, 45/024, 45/027, 45/031, 45/032, 45/033, 45/034, 45/035, 45/036, 45/037, 45/04, 45/043, 45/045, 45/049, 45/051, 45/053, 45/055, 45/057, 45/059
	Y10T	24/45272, 24/4764

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)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)**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	Y10T24/45272	3	Projection passes through cavity then moves toward noninserted portion of its member to complete interlock [e.g., snap hook]	<no transfer>
D	Y10T24/45277	4	Entire projection member forms loop or ring when interlocked	<no transfer>
D	Y10T24/45283	5	Includes slidable gate closing entrance throat	<no transfer>
D	Y10T24/45288	4	Hook type projection member	<no transfer>
D	Y10T24/45293	5	Plural hooks entering opposite sides of same cavity	<no transfer>
D	Y10T24/45298	6	Hooks formed solely from wire	<no transfer>
D	Y10T24/45304	5	Noninserted portion of projection member includes movably connected gate for closing access throat	<no transfer>
D	Y10T24/45309	6	Threaded gate	<no transfer>
D	Y10T24/45314	6	Revolvably mounted disc shaped gate	<no transfer>
D	Y10T24/45319	6	Pivotally connected gate	<no transfer>
D	Y10T24/45325	7	Gate swings transversely to plane of hook	<no transfer>
D	Y10T24/4533	7	Gate also slides relative to pivot	<no transfer>
D	Y10T24/45335	7	having means biasing gate about pivot	<no transfer>
D	Y10T24/4534	8	and position locking-means for gate	<no transfer>
D	Y10T24/45346	8	Includes distinct biasing spring	<no transfer>
D	Y10T24/45351	9	Coil type spring	<no transfer>
D	Y10T24/45356	10	Coiled about pivotal axis of gate	<no transfer>
D	Y10T24/45361	7	having position locking-means for gate	<no transfer>
D	Y10T24/45366	8	Locking-means pivotally connected	<no transfer>
D	Y10T24/45372	8	Locking-means slidably mounted	<no transfer>
D	Y10T24/45377	7	Gate closes when structure-to-be-secured is tensioned	<no transfer>
D	Y10T24/45382	6	Track or way guided gate	<no transfer>
D	Y10T24/45387	7	having means biasing gate	<no transfer>
D	Y10T24/45393	8	Guide of gate encircles shank	<no transfer>
D	Y10T24/45398	8	Cavity in shank forms track or way	<no transfer>
D	Y10T24/45403	9	with position locking-means for gate	<no transfer>
D	Y10T24/45408	6	Resilient, self-biased gate	<no transfer>
D	Y10T24/45414	7	with position locking-means for gate	<no transfer>

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D	Y10T24/45419	7	Gate and hook formed from plastic	<no transfer>
D	Y10T24/45424	7	Gate and hook formed solely from wire	<no transfer>
D	Y10T24/45429	7	Gate and hook formed from single piece of sheet metal	<no transfer>
D	Y10T24/45435	5	Projection pivotally attached to shank or mounting structure	<no transfer>
D	Y10T24/45444	5	Projection slidably mounted to shank or mounting structure	<no transfer>
D	Y10T24/45445	5	Projection self-biased towards shank or mounting structure	<no transfer>
D	Y10T24/4545	6	and formed solely from wire	<no transfer>
D	Y10T24/45455	7	Cooperating with relatively stationary wire gate	<no transfer>

*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 finalization 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.

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B. New, Modified or Deleted Warning notice(s)**SUBCLASS F16B - DEVICES FOR FASTENING OR SECURING CONSTRUCTIONAL ELEMENTS OR MACHINE PARTS TOGETHER, e.g. NAILS, BOLTS, CIRCLIPS, CLAMPS, CLIPS OR WEDGES; JOINTS OR JOINTING**

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
D	F16B45/00	Group F16B45/00 is impacted by reclassification into groups F16B45/002, F16B45/005, F16B45/008, F16B45/012 and F16B45/015. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/002	Group F16B45/002 is incomplete pending reclassification of documents from group F16B45/00. Groups F16B45/00 and F16B45/002 should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/005	Groups F16B45/005, F16B45/008, F16B45/012, and F16B45/015 are incomplete pending reclassification of documents from groups F16B45/00, F16B45/02, F16B45/021 and F16B45/04. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/02	Group F16B45/02 is impacted by reclassification into groups F16B45/005, F16B45/008, F16B45/012, F16B45/015, F16B45/021, F16B45/022, F16B45/023, F16B45/024, F16B45/026, F16B45/027, F16B45/028, F16B45/029, F16B45/031, F16B45/032, F16B45/033, F16B45/034, F16B45/035, F16B45/036 and F16B45/037. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning

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D	F16B45/021	<p>Group F16B45/021 is incomplete pending reclassification of documents from groups F16B45/02.</p> <p>Group F16B45/021 is also impacted by reclassification into groups F16B45/005, F16B45/008, F16B45/012, F16B45/015, F16B45/022, F16B45/023, F16B45/024, F16B45/026, F16B45/027, F16B45/028, F16B45/029, F16B45/031, F16B45/032, F16B45/033, F16B45/034, F16B45/035, F16B45/036 and F16B45/037.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/022	<p>Group F16B45/022 is incomplete pending reclassification of documents from group F16B45/02.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/023	<p>Group F16B45/023 is incomplete pending reclassification of documents from group F16B45/02.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/024	<p>Groups F16B45/024 and F16B45/026 are incomplete pending reclassification of documents from group F16B45/02.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/027	<p>Groups F16B45/027, F16B45/028 and F16B45/029 are incomplete pending reclassification of documents from group F16B45/02.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/031	<p>Group F16B45/031 is incomplete pending reclassification of documents from group F16B45/02.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning

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D	F16B45/032	Group F16B45/032 is incomplete pending reclassification of documents from group F16B45/02. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/033	Group F16B45/033 is incomplete pending reclassification of documents from group F16B45/02. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/034	Group F16B45/034 is incomplete pending reclassification of documents from group F16B45/02. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/035	Group F16B45/035 is incomplete pending reclassification of documents from group F16B45/02. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/036	Group F16B45/036 is incomplete pending reclassification of documents from group F16B45/02. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/037	Group F16B45/037 is incomplete pending reclassification of documents from group F16B45/02. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning

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D	F16B45/04	<p>Group F16B45/04 is impacted by reclassification into groups F16B45/005, F16B45/008, F16B45/012, F16B45/015, F16B45/043, F16B45/045, F16B45/047, F16B45/049, F16B45/051, F16B45/053, F16B45/055, F16B45/057 and F16B45/059.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/043	<p>Group F16B45/043 is incomplete pending reclassification of documents from group F16B45/04.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/045	<p>Groups F16B45/045 and F16B45/047 are incomplete pending reclassification of documents from group F16B45/04.</p> <p>Groups F16B45/04 and F16B45/045 should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/049	<p>Group F16B45/049 is incomplete pending reclassification of documents from group F16B45/04.</p> <p>Groups F16B45/04 and F16B45/049 should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/051	<p>Group F16B45/051 is incomplete pending reclassification of documents from group F16B45/04.</p> <p>Groups F16B45/04 and F16B45/051 should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
D	F16B45/053	<p>Group F16B45/053 is incomplete pending reclassification of documents from group F16B45/04.</p> <p>Groups F16B45/04 and F16B45/053 should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning

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D	F16B45/055	Group F16B45/055 is incomplete pending reclassification of documents from group F16B45/04. Groups F16B45/04 and F16B45/055 should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/057	Group F16B45/057 is incomplete pending reclassification of documents from group F16B45/04. Groups F16B45/04 and F16B45/057 should be considered in order to perform a complete search.	<u>Delete</u> entire Warning
D	F16B45/059	Group F16B45/059 is incomplete pending reclassification of documents from group F16B45/04. Groups F16B45/04 and F16B45/059 should be considered in order to perform a complete search.	<u>Delete</u> entire Warning

SUBCLASS Y10T - TECHNICAL SUBJECTS COVERED BY FORMER US CLASSIFICATION

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning</u>
D	Y10T24/45272	Groups Y10T24/45272 - Y10T24/45455 are no longer used for the classification of documents as of 2021-05-01. The content of this group is being reclassified into groups F16B45/00, F16B45/002, F16B45/005, F16B45/008, F16B45/012, F16B45/015, F16B45/02, F16B45/021, F16B45/022, F16B45/023, F16B45/024, F16B45/026, F16B45/027, F16B45/028, F16B45/029, F16B45/031, F16B45/032, F16B45/033, F16B45/034, F16B45/035, F16B45/036, F16B45/037, F16B45/04, F16B45/043, F16B45/045, F16B45/047, F16B45/049, F16B45/051, F16B45/053, F16B45/055, F16B45/057, F16B45/059 and F16B45/06. All groups listed in this Warning should be considered in order to perform a complete search.	<u>Delete</u> entire Warning

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D	Y10T24/4764	<p>Group Y10T24/4764 is impacted by reclassification into groups F16B45/00, F16B45/002, F16B45/005, F16B45/008, F16B45/012, F16B45/015, F16B45/02, F16B45/021, F16B45/022, F16B45/023, F16B45/024, F16B45/026, F16B45/027, F16B45/028, F16B45/029, F16B45/031, F16B45/032, F16B45/033, F16B45/034, F16B45/035, F16B45/036, F16B45/037, F16B45/04, F16B45/043, F16B45/045, F16B45/047, F16B45/049, F16B45/051, F16B45/053, F16B45/055, F16B45/057, F16B45/059 and F16B45/06.</p> <p>All groups listed in this Warning should be considered in order to perform a complete search.</p>	<u>Delete</u> entire Warning
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*N = new warning, M = modified warning, D = deleted warning

NOTE: The "Location" column only requires the symbol PRIOR to the location of the warning. No further directions such as "before" or "after" are required.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
Y10T 24/45272		DELETE
Y10T 24/45277		DELETE
Y10T 24/45283		DELETE
Y10T 24/45288		DELETE
Y10T 24/45293		DELETE
Y10T 24/45298		DELETE
Y10T 24/45304		DELETE
Y10T 24/45309		DELETE
Y10T 24/45314		DELETE
Y10T 24/45319		DELETE
Y10T 24/45325		DELETE
Y10T 24/4533		DELETE
Y10T 24/45335		DELETE
Y10T 24/4534		DELETE
Y10T 24/45346		DELETE
Y10T 24/45351		DELETE
Y10T 24/45356		DELETE
Y10T 24/45361		DELETE
Y10T 24/45366		DELETE
Y10T 24/45372		DELETE
Y10T 24/45377		DELETE
Y10T 24/45382		DELETE
Y10T 24/45387		DELETE
Y10T 24/45393		DELETE
Y10T 24/45398		DELETE
Y10T 24/45403		DELETE
Y10T 24/45408		DELETE
Y10T 24/45414		DELETE
Y10T 24/45419		DELETE
Y10T 24/45424		DELETE
Y10T 24/45429		DELETE
Y10T 24/45435		DELETE
Y10T 24/4544		DELETE
Y10T 24/45445		DELETE
Y10T 24/4545		DELETE
Y10T 24/45455		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.”

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