

| PATENT ASSIGNMENT DAILY XML FILE DESCRIPTION (Version 2.0) | |
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| DTD ELEMENT NAME | DESCRIPTION |
| | NOTE: The DTD appears in each Patent Assignment Daily XML (PADX) File, adyyyyymmdd.xml. |
| us-patent-assignments | Parent element for text file containing the attributes dtd-version in N.N format, and date-produced with an 8 digit date in YYYYMMDD date format. |
| action-key-code | Indicates content of file relates to either a Daily, Weekly, Bi-monthly, or Annual release; "DA"; "WK"; "BI"; or "AN" respectively. |
| transaction-date | Identifies the date the data was extracted. Contains a date element with an 8 digit date in YYYYMMDD date format. |
| patent-assignments | Group element comprised of data-available-code or patent-assignment. Contains all data extracted for time period shown in action-key-code |
| data-available-code | When present will contain "N". Indicates no data available for date shown in transaction-date element. |
| patent-assignment | Group element comprised of assignment-record, patent-assignors, patent-assignees, and patent-properties. Indicates the start of the next assignment record. |
| assignment-record | Group element comprised of reel-no, frame-no, last-update-date, purge-indicator, recorded-date, page-count, correspondent, conveyance-text. |
| reel-no | 1-6 digit number identifies the reel number to be used to locate the assignment on microfilm. |
| frame-no | 1-4 digit number that identifies the frame number to be used to locate the first image(page) of the assignment on microfilm. |
| last-update-date | Identifies when the assignment record was last modified. Contains a date element with an 8 digit date in YYYYMMDD date format. |
| purge-indicator | "Y" indicates the assignment record has been deleted from the Historical database. "N" is the default. |
| recorded-date | Identifies when the assignment was recorded in the USPTO. Contains a date element with an 8 digit date in YYYYMMDD date format. |
| page-count | Identifies the total page count of the assignment (i.e., the number of pages captured on microfilm). |
| correspondent | Group element comprised of name, address-1, address-2, address-3, and address-4. This element group defines the correspondence name and address, where correspondence is to be directed. Note: City, State, Postal Code (zip code), and Country are not broken out in individual elements. |
| name | Identifies the name of an individual/individuals or organization. |
| address-1 | Identifies the 1 st line of an address. |
| address-2 | Identifies the 2 nd line of an address. (Optional element) |
| address-3 | Identifies the 3 rd line of an address. (Optional element) |
| address-4 | Identifies the 4 th line of an address. (Optional element) |
| conveyance-text | Contains textual description of the interest conveyed or transaction recorded. |
| patent-assignors | A root element that contains one or more patent-assignor element(s). |
| patent-assignor | Group element comprised of name, and execution-date. |
| name | Identifies the party (individual name(s), or organization name) giving an interest or transaction in a published application and/or issued/granted patent property. |
| execution-date | Identifies the date from the supporting legal documentation that the assignment was executed. Contains a date element with an 8 digit date in YYYYMMDD date format. |
| address-1 | Identifies the 1st line of the delivery address provided for the patent-assignor name element. Data values provided are those supplied by the submitter of the assignment document. |
| address-2 | Identifies the 2nd line of the delivery address provided for the patent-assignor name element. Data values provided are those supplied by the submitter of the assignment document. |

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| date-acknowledged | Identifies the date from the supporting legal documentation that the assignment was acknowledged. Contains a date element with an 8 digit date in YYYYMMDD date format. NOTE: Only present when no execution-date is available. |
| patent-assignees | A root element that contains one or more patent-assignee element(s). |
| patent-assignee | Group element comprised of name, address-1, address-2, city, state, country-name, and postcode. |
| name | Identifies the party (individual name(s), or organization name) receiving an interest or transaction in a published application and/or issued/granted patent property. |
| address-1 | Identifies the 1st line of the address (typically the street address component of a mailing address) for the patent-assignee name element. |
| address-2 | Identifies the 2 nd line of the address (typically the internal address component of a mailing address) for the patent-assignee name element. |
| city | Identifies the city for the patent-assignee name element mailing address. |
| state | Identifies the state name (for US states) for the patent-assignee name element mailing address. |
| country-name | Identifies the country name (for non US states) for the patent-assignee name element mailing address. |
| postcode | Identifies the postal code for the patent-assignee name element mailing address. |
| patent-properties | A root element that contains one or more patent-property element(s). |
| patent-property | Repeating group element that contains document-id, country, doc-number, kind, date, and invention-title. Identifies the patent property or properties assigned in the recorded assignment. |
| document-id | Repeating group element comprised of country, doc-number, kind (optional), and date. It appears at a minimum of two times for each patent-property group. When the document-id field appears, the doc-number element will contain the application number in the first occurrence along with the filing date in the date element, in the second document-id field, the doc-number element will contain the patent number (if it exists) and the issue date in the date element, in the third document-id field, the doc-number element will contain the publication number (if it exists) and the publication-date in the date element. When a patent-number has not been assigned, the publication number will follow the application number. When both the patent number and the publication number exist in the assignment record, the application number will appear first, followed by the patent number, followed by the publication number. |
| country | Identifies the country of origin. It will contain "US" for application number, patent number and publication number and "IB" for international registration number. |
| doc-number | <p>A unique identifier that contains one of the following:</p> <ul style="list-style-type: none"> 8 digit numeric application number 7 digit alphanumeric patent number 10 digit numeric publication number (comprised of a 4 digit year followed by a 6 digit numeric number). 9-10 character international registration number (always starts with DM/ followed by 6 digits) <p>The application number will be provided in the first occurrence, followed by the patent number (if it exists), and then the publication number or international registration number. When a patent-number has not been assigned, the publication number or international registration number will follow the application number. When both the patent number and the publication number exist in the assignment record, the application number will appear first, followed by the patent number, followed by the publication number.</p> |

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|------------------------|---|
| | <p>Contains a 2-position kind code:</p> <p>X0 – The original filing application number of a pending application that has been subsequently published or granted/issued.</p> <p>A1 – Utility Patent Grant issued prior to January 2, 2001. A1 – Utility Patent Application published on or after January 2, 2001. A2 – Second or subsequent publication of a Utility Patent Application.</p> <p>B1 – Utility Patent Grant (no published application) issued on or after January 2, 2001. B2 – Utility Patent Grant (with a published application) issued on or after January 2, 2001.</p> <p>P1 – Plant Patent Grant issued prior to January 2, 2001. P1 – Plant Patent Application published on or after January 2, 2001. P2 – Plant Patent Grant (no published application) issued on or after January 2, 2001. P3 – Plant Patent Grant (with a published application) issued on or after January 2, 2001. P4 – Second or subsequent publication of a Plant Patent Application.</p> <p>S1 – Design Patent</p> |
| kind | No kind code will be provided for international registration number. |
| date | <p>Identifies either the filing-date of the patent application, the issue-date of the patent number, or the publication-date of the publication number or international registration number. An 8 digit date in YYYYMMDD date format. See doc-number above for order.</p> <p>Note: The date information is not stored in the assignment database. If there is an error in the date information, please, contact the Office of Initial Patent Examination (OIPE) for correction/resolution at (571) 272-4000. Thank you!</p> |
| invention-title | <p>Identifies the invention title assigned to the patent-property.</p> <p>Note: The invention-title information is not stored in the assignment database. If there is an error in the date information, please, contact the Office of Initial Patent Examination (OIPE) for correction/resolution at (571) 272-4000. Thank you!</p> |
| b | Bold formatting for text (Not used) |
| i | Italic formatting for text (Not used) |
| u | Underscore: style – single is default (Not used) |
| sup | Superscripted text (Not used) |
| sub | Subscripted text (Not used) |
| smallcaps | Small Capitals (Not used) |