# Listing of Commonly Owned Applications and Patents

37 CFR 1.78(f)

<table>
<thead>
<tr>
<th>Attorney Docket Number:</th>
<th>First Named Inventor:</th>
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<tbody>
<tr>
<td>Application Number (if known):</td>
<td>Title:</td>
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<tr>
<td>Filing Date of the Application:</td>
<td>Classification (class and subclass):</td>
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Applicant is providing the listing of commonly owned applications and patents in compliance with 37 CFR 1.78(f)(1) below. If the application or patent also meets the conditions set forth in 37 CFR 1.78(f)(2)(i), applicant must also either: (1) rebut the presumption that the application or patent contains at least one patentably indistinct claim; or (2) submit a terminal disclaimer in accordance with 37 CFR 1.321(c). In addition, if applicant files a terminal disclaimer for a pending application in the above-identified application, applicant must provide an explanation why there are two or more pending nonprovisional applications containing patentably indistinct claims. See 37 CFR 1.78(f)(2)(ii)(B).

### If rebuttable presumption under 37 CFR 1.78(f)(2) also exists

<table>
<thead>
<tr>
<th>Rebuttal attached</th>
<th>Terminal disclaimer attached</th>
<th>Explanation</th>
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### Application Numbers or Patent Numbers under 37 CFR 1.78(f)(1)

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Signature

Name (Print/Typed)

Registration Number

**Note:** Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for signature requirements. If necessary, submit multiple forms for more than one signature, see below.

☐ Total of ________ forms are submitted.

[Page 1 of 2]

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*
Notes:
Under 37 CFR 1.78(f)(1), applicant in a nonprovisional application that has not been allowed (37 CFR 1.311) must identify by application number (i.e., series code and serial number) and patent number (if applicable) each other pending or patented nonprovisional application, in a separate paper, for which the following conditions are met:

(A) The nonprovisional application has a filing date that is the same as or within two months of the filing date of the other pending or patented nonprovisional application, taking into account any filing date for which a benefit is sought under title 35, United States Code;

(B) The nonprovisional application names at least one inventor in common with the other pending or patented nonprovisional application; and

(C) The nonprovisional application is owned by the same person, or subject to an obligation of assignment to the same person, as the other pending or patented nonprovisional application.

Under 37 CFR 1.78(f)(2)(i), a rebuttable presumption shall exist that a nonprovisional application contains at least one claim that is not patentably distinct from at least one of the claims in another pending or patented nonprovisional application if the following conditions are met:

(A) The nonprovisional application has a filing date that is the same as the filing date of the other pending or patented nonprovisional application, taking into account any filing date for which a benefit is sought under title 35, United States Code;

(B) The nonprovisional application names at least one inventor in common with the other pending or patented nonprovisional application;

(C) The nonprovisional application is owned by the same person, or subject to an obligation of assignment to the same person, as the other pending or patented nonprovisional application; and

(D) The nonprovisional application and the other pending or patented nonprovisional application contain substantial overlapping disclosure. Substantial overlapping disclosure exists if the other pending or patented nonprovisional application has written description support under the first paragraph of 35 U.S.C. 112 for at least one claim in the nonprovisional application.

Instructions:
1. In the column on the right, list the numbers of the applications and patents that meet the conditions set forth in 37 CFR 1.78(f)(1)(i). For supplemental lists, please do not list previously submitted applications and patents.
2. In the first column on the left, place a check mark in the box if the cited application or patent also meets the conditions set forth in CFR 1.78(f)(2)(i) and applicant attached an explanation of how the application contains only claims that are patentably distinct from the claims in the cited application or patent.
3. In the second column on the left, place a check mark in the box in the second column on the left, if the cited application or patent also meets the conditions set forth in CFR 1.78(f)(2)(i) and applicant attached a terminal disclaimer in accordance with 37 CFR 1.321(c).
4. In the third column on the left, place a check mark in the box in the third column on the left, if applicant also attached an explanation why there are two or more pending nonprovisional applications containing patentently indistinct claims. See 37 CFR 1.78(f)(2)(ii)(B).

For more information, see final rule “Changes to Practice for Continued Examination Filings, Patent Applications Containing Patentably Indistinct Claims, and Examination of Claims in Patent Applications” and ESD Guidelines available on the USPTO web site at http://www.uspto.gov/