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(72) **Inventeurs/Inventors:**

MAKKAR, NAVISH, US;
TANG, WEI, US;
WHIPPLE, GORDON, US;
LAIRD, TOMMY, US;
NELSON, GAIL R., US

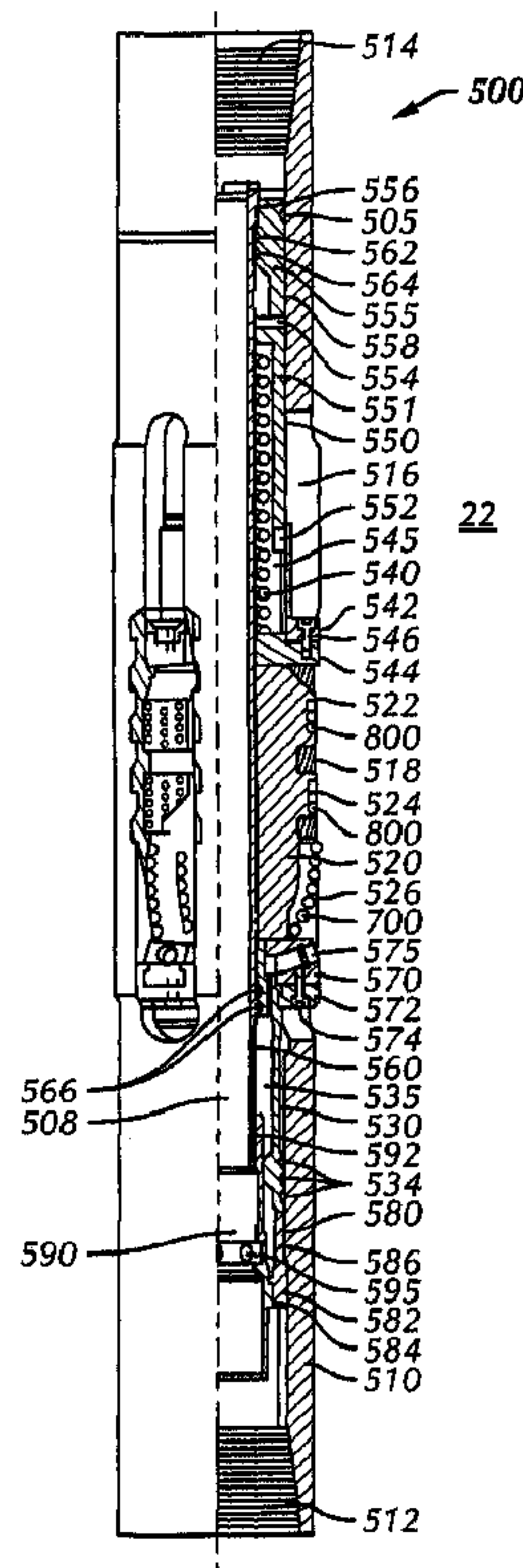
(73) **Propriétaire/Owner:**

SMITH INTERNATIONAL, INC., US

(74) **Agent:** BORDEN LADNER GERVAIS LLP

(54) **Titre : PLACEMENT D'ELEMENTS DE COUPE SUR DES STRUCTURES DE COUPE SECONDAIRES D'ENSEMBLE D'OUTILS
A PERCER**

(54) **Title: PLACEMENT OF CUTTING ELEMENTS ON SECONDARY CUTTING STRUCTURES OF DRILLING TOOL ASSEMBLIES**



(57) **Abrégé/Abstract:**

A secondary cutting

(57) Abrégé(suite)/Abstract(continued):

second arrangement of cutting elements disposed on a second blade, wherein the second arrangement is a modified redundant arrangement. Also, a secondary cutting structure for use in a drilling assembly, the secondary cutting structure including a leading blade disposed on a first block and a trailing blade disposed on the first block adjacent the leading blade. Additionally, the secondary cutting structure includes a unique blade disposed on a second block, wherein a gage portion of at least one of the blades has a length between 30% and 45% of a total blade length.

ABSTRACT

A secondary cutting structure for use in a drilling assembly, the secondary cutting structure including a tubular body and a block, extendable from the tubular body, the block including a first arrangement of cutting elements disposed on a first blade and a second arrangement of cutting elements disposed on a second blade, wherein the second arrangement is a modified redundant arrangement. Also, a secondary cutting structure for use in a drilling assembly, the secondary cutting structure including a leading blade disposed on a first block and a trailing blade disposed on the first block adjacent the leading blade. Additionally, the secondary cutting structure includes a unique blade disposed on a second block, wherein a gage portion of at least one of the blades has a length between 30% and 45% of a total blade length.

