WO 2005/008078 PCT/US2004/021827

11

WHAT IS CLAIMED IS:

1. A clamping tool for use with a power tool comprising:

a housing adapted to be mounted on a power tool, said housing including at least one engaging portion;

a locking pliers having a retaining section with a proximal end and a distal end, said proximal end being adapted to be selectively mounted on the at least one engaging portion to selectively retain the locking pliers in a movable relationship relative to the housing; and

an engaging section of said locking pliers being mounted relative to the retaining section for selectively being locked relative to the distal end of the retaining section for positioning an article therebetween;

wherein when an article is locked relative to the distal end of the retaining section and the engaging section of the locking pliers, the proximal end of said retaining section can be rotated relative to the housing to permit a power tool to come into engagement with an article.

- 2. The clamping tool according to claim 1, and further including a cylindrical pin with a flat side positioned at a 90° angle relative to a cutting edge of a power tool for preventing disengagement of the locking pliers during a cutting operation.
- 3. The clamping tool according to claim 1, and further including a cylindrical pin with two flat surfaces at the engaging portion of said housing, said pin being positioned at a 90° angle relative to a cutting edge of a power tool for preventing disengagement of the locking pliers during a cutting operation.
- 4. The clamping tool according to claim 1, wherein said housing is substantially circular for substantially surrounding a cutting wheel of a power tool with a space being provided for permitting the cutting wheel to engage an article, and

WO 2005/008078 PCT/US2004/021827

12

said at least one engaging portion is a slot formed at one end of the housing for selectively mating with said proximal end of said retaining section for selectively permitting rotation therebetween.

- 5. The clamping tool according to claim 1, wherein the proximal end of said retaining section includes a slot formed therein for being received within the at least one engaging portion formed in said housing.
- 6. The clamping tool according to claim 5, wherein said slot is a substantially C-shaped slot with an entry section having two substantially flat sections for mating with the at least one engaging portion on said housing in a first position for permitting the locking pliers to be mounted relative to said housing and for preventing said locking pliers from being removed from the housing during operation of the power tool.
- 7. The clamping tool according to claim 1, wherein the locking pliers is moved away from the power tool during operation to permit an article to be engaged with the power tool.
- 8. The clamping tool according to claim 1, wherein the power tool is a rotary saw.
- 9. The clamping tool according to claim 1, wherein the engaging section is a substantially L-shaped member for positioning an article between said L-shaped member and the distal end of the retaining section in a locked position.
- 10. The clamping tool according to claim 1, wherein said power tool is a rotary saw and said engaging section includes a slot formed therein for permitting said rotary saw to sever an article retained relative to said engaging section.

- 11. A clamping tool for use with a power tool comprising:
- a housing adapted to be mounted on a power tool, said housing including at least one engaging portion;
- a locking pliers having a retaining section with a distal end, said distal end being adapted to be selectively mounted on the at least one engaging portion to selectively retain the locking pliers in a movable relationship relative to the housing; and

an engaging section of said locking pliers being mounted relative to a locking portion for selectively being locked relative to the locking portion for positioning an article therebetween;

wherein when an article is locked relative to the locking portion and the engaging section of the locking pliers, the distal end of said retaining section can be rotated relative to the housing to permit a power tool to come into engagement with an article.

- 12. The clamping tool according to claim 11, and further including a pin mounted on the distal end, said pin including a flat side positioned at a 90° angle relative to a cutting edge of a power tool for preventing disengagement of the locking pliers during a cutting operation.
- 13. The clamping tool according to claim 11, and further including a pin with two flat surfaces mounted at the distal end, said pin being positioned at a 90° angle relative to a cutting edge of a power tool for preventing disengagement of the locking pliers during a cutting operation.
- 14. The clamping tool according to claim 11, wherein said housing is substantially circular for substantially surrounding a cutting wheel of a power tool with a space being provided for permitting the cutting wheel to engage an article, and said at least one engaging portion is a slot formed at one end of the housing for

WO 2005/008078 PCT/US2004/021827

14

selectively mating with said distal end of said retaining section for selectively permitting rotation therebetween.

- 15. The clamping tool according to claim 11, wherein the distal end of said retaining section includes a pin for being received within the at least one engaging portion formed in said housing.
- 16. The clamping tool according to claim 15, wherein said at least one engaging portion is a slot with a substantially C-shape with an entry section having two substantially flat sections for mating with said pin, wherein positioning the locking pliers relative to said housing in a first position permits the locking pliers to be mounted relative to said housing and prevents said locking pliers from being removed from the housing during operation of the power tool.
- 17. The clamping tool according to claim 11, wherein the locking pliers is moved towards the power tool during operation to permit an article to be engaged with the power tool.
- 18. The clamping tool according to claim 11, wherein the power tool is a rotary saw.
- 19. The clamping tool according to claim 11, wherein the engaging section is a serrated member for positioning an article between said serrated member and the locking portion in a locked position.