

NSK Ltd.

Mori Seiki Co., Ltd.

## Licensing Arrangements for Patents Related to Low-noise Ball Screws between NSK and Mori Seiki

With the goal of expanding the low-noise ball screw market and promoting noise reduction and increased speed in machine tools, an agreement has been reached between NSK Ltd. (President & CEO - Seiichi Asaka; hereinafter referred to as "NSK") and Mori Seiki Co., Ltd. (President and Representative Director – Masahiko Mori; hereinafter referred to as "Mori Seiki"), whereby NSK shall license patents and other specified items related to low-noise ball screws to Mori Seiki, and in addition provide technical support.

An outline of the content of the agreement follows below.

### (1) Applicable Product

NSK High-speed low-noise ball screw

Specifically, the ball screw that employs a new recirculation mechanism, and possesses the features indicated below.

- (i) Reduces noise by 6 dB or more in comparison with conventional NSK products. (Low-noise)
- (ii) Possesses high-speed capabilities 1.6 times or higher (No. 1 in the world) than those of conventional NSK products. (High-speed)
- (iii) Possesses a nut outside diameter 30% smaller than that of conventional NSK products. (Compact size)

### (2) Licensing Details

A non-exclusive licensing of patents, etc., for machine tools produced and sold by Mori Seiki.

### (3) Technical Support

Disclosure of technical drawings and specifications, etc., and supply of personnel in order to provide know-how, etc.

### (4) Provision of Parts

Supply of parts such as rotatable parts required for manufacture of high-speed low-noise ball screws.

(5) Time Period

Ten years from the day of conclusion of contract.

(6) Other

NSK shall be the primary supplier of ball screws to Mori Seiki.

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