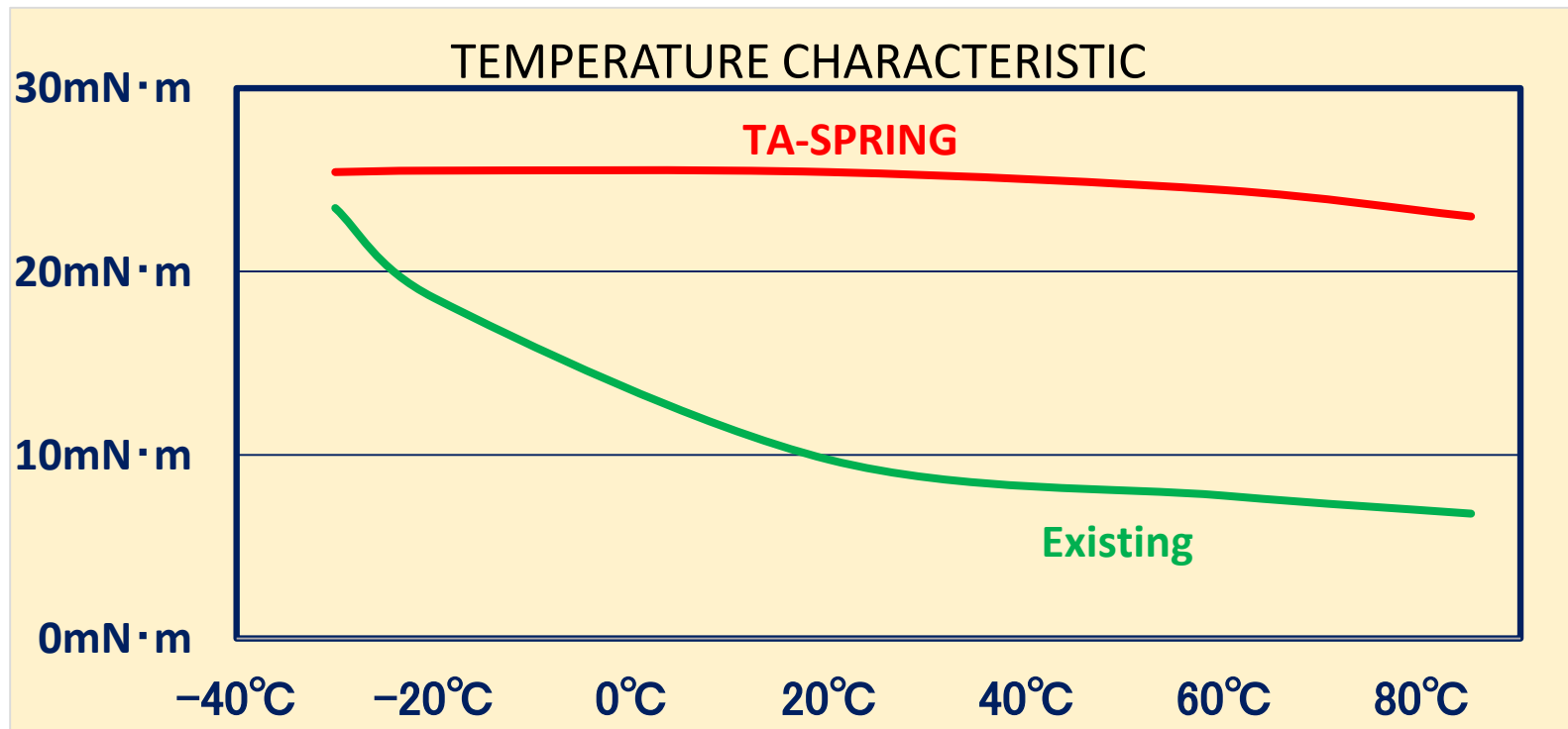
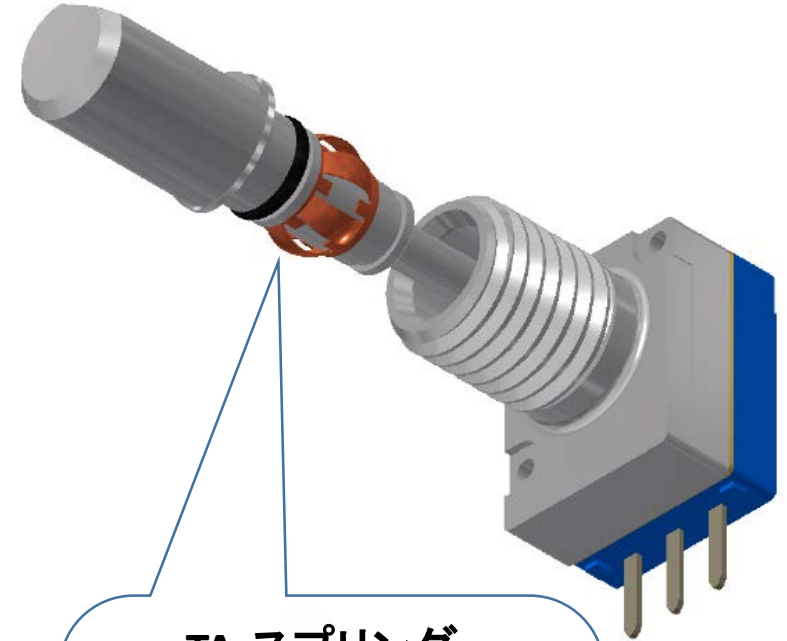


# TA-スプリングによる可変抵抗器 操作軸の質感向上

- 広い温度範囲でも安定した高いトルク25 $\text{mN}\cdot\text{m}$ を発生します。
- 3万回まわしても同じトルクが保たれます。
- VE効果としてトルク出しの機構部品や工程が省略できます。
- パネル防水とトルク機構が並立できます。
- 軸振れが低減出来るので大径や長いつまみでも質感が向上します。



TOCOS®



TA-スプリング

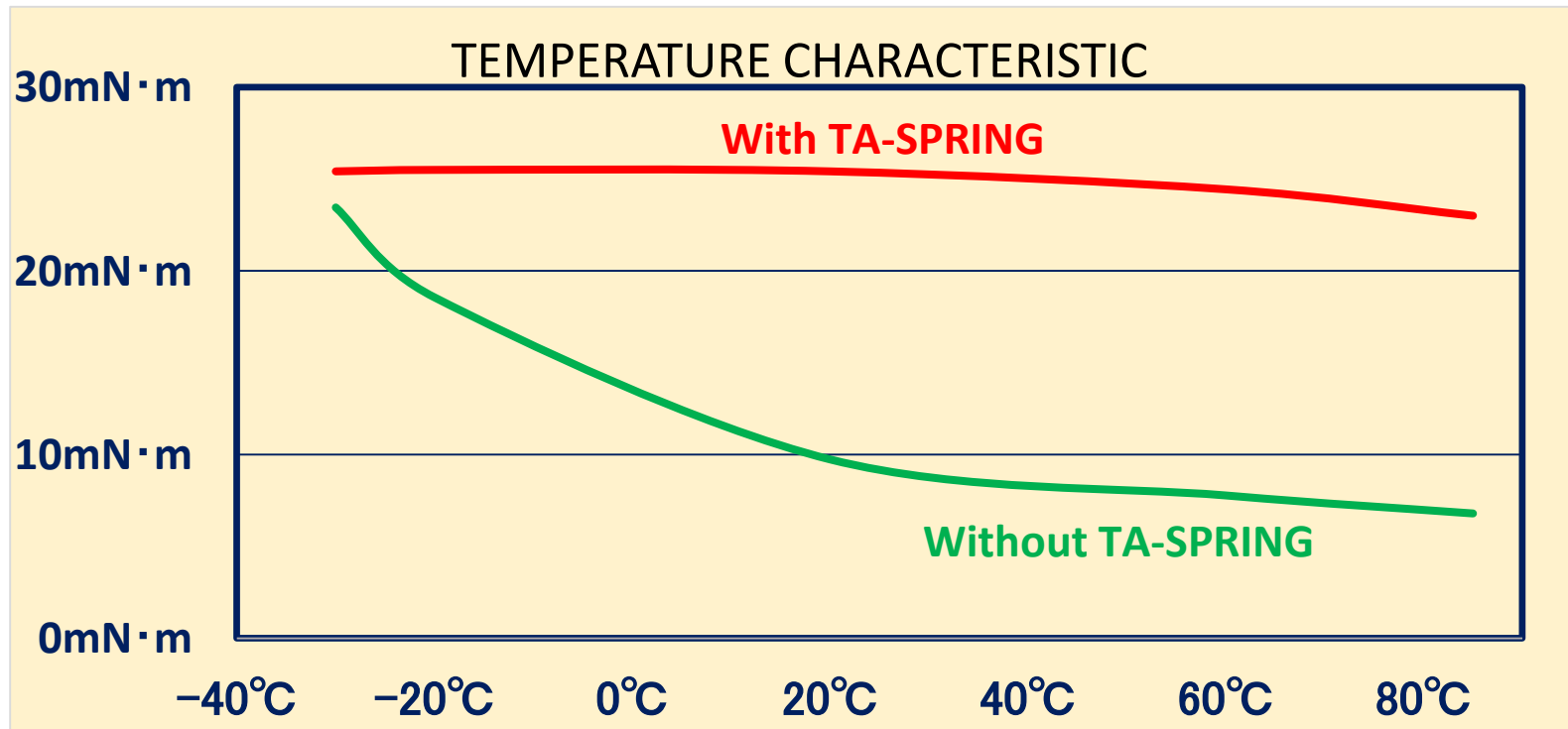


日本特許 5914312

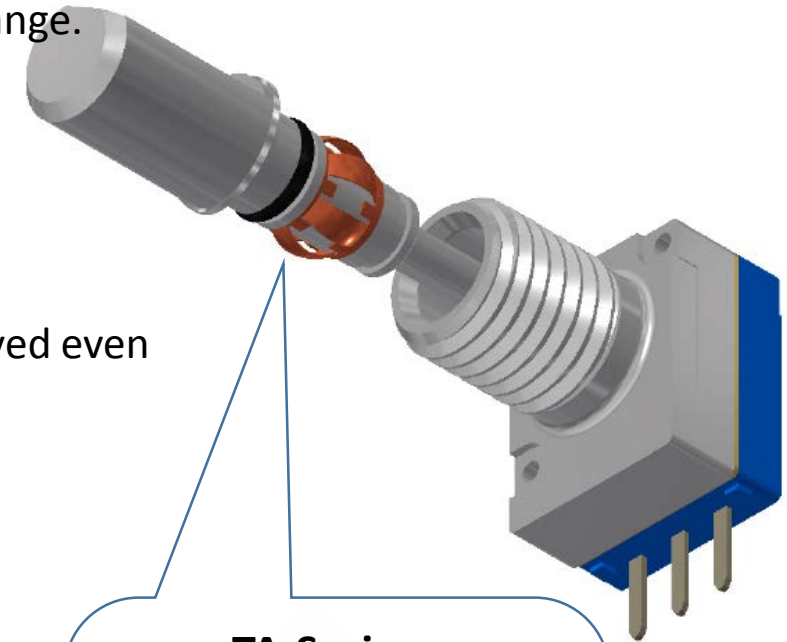
TP7シリーズで量産開始しました。

# Running Torque Upgraded Potentiometer equipped with TA-Spring

- Create the stable & high torque as average 25mN·m even in the wide temperature range.
- Keep the same level torque even 30,000 rotation.
- As the Value Engineering efficiency, the mechanical device or operational process for the torque generation can be eliminated.
- Achieve the panel waterproofing and the torque mechanism simultaneously.
- By decreasing the shaft runout with TA-Spring, the operational texture will be improved even large diameter or long shaft.



**TOCOS®**



**TA-Spring**

**Japanese Patent #5914312**

Started the mass production in TP7 series