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**Nidec Corporation**

Contact:

Toshihiro Ishizuka  
General Manager  
Intellectual Property Department  
[tokkyo@nidec.com](mailto:tokkyo@nidec.com)

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**Patent Infringement Lawsuit Filed Against Shanghai AWA Electronic Equipment  
Joint Stock Company**

Nidec Corporation (the “Company”) today announced that it has instituted a lawsuit against Shanghai AWA Electronic Equipment Joint Stock Company (“Shanghai AWA”) at Shanghai Intellectual Property Court for infringement of the Company’s Chinese Patent ZL02118511.5 relating to mobile phone vibration motor technology.

**<The Company’s intention regarding the lawsuit>**

In this lawsuit, the Company seeks injunctive relief to legally stop the sale, etc. of patent-infringing products by Shanghai AWA.

The Company, which values its intellectual properties as very important management resources, intends to continue to act resolutely when it determines that any of its intellectual property rights has been infringed.

**<Background information regarding the lawsuit>**

In September 2015, Nidec Corporation and Nidec Seimitsu Corporation (collectively, the “Companies”), one of the Company’s subsidiaries, submitted a letter of warning to Shanghai AWA to stop its infringement of the Companies’ multiple patent rights relating to mobile phone vibration motor technology. However, Shanghai AWA refused to settle the issue amicably, leading Nidec Seimitsu Corporation to institute an infringement lawsuit regarding Chinese Patent ZL200910003612.5 at Shanghai Intellectual Property Court in November 2015, while the Company instituted an infringement lawsuit over Chinese Patent ZL01103328.2 at the same court in December 2015.

While the Companies were waiting for the opening of their respective trials at Shanghai Intellectual Property Court, Sichuan Awa Precision Electric Electrical Appliance Co., Ltd. instituted an invalidation trial over Chinese Patent ZL200910003612.5 held by Nidec Seimitsu Corporation in January 2016, and another invalidation trial against the Company’s Chinese Patent ZL01103328.2 in April 2016, respectively.

Regarding our Chinese Patent ZL01103328.2, a trial judgment affirming the validness of the patent right has already been delivered by Patent Reexamination Board of Patent Office of the People's Republic of China.

Consequently, the Company, convinced that solving these aforementioned cases by negotiation would not be a practical option, inevitably determined to bring an additional lawsuit against Shanghai AWA at the court to protect the Company's intellectual properties against infringement.

### <The mobile phone vibration motor technology owned by the Companies>

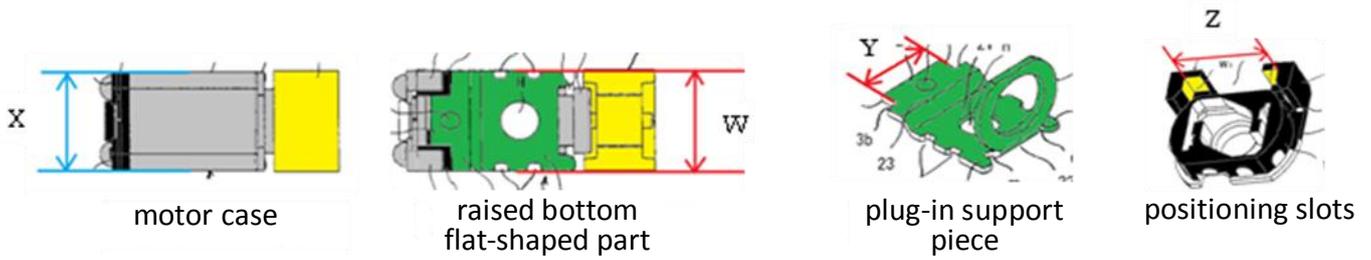
A mobile phone vibration motor is a compact brush motor equipped with an eccentric weight and installed inside a mobile phone, etc. The motor vibrates as it rotates, informing a mobile phone user of an incoming call without the use of a ringtone.



### <Explanation of technology of Chinese Patent ZL02118511.5 of the new lawsuit filed recently>

The vibrator of this patent is a vibrator for a vibration generation apparatus of compact radio equipment. It is made of ultra heavy metal molded of a powder material whose principal ingredient is tungsten. It is integrally coupled by caulking to the motor rotation shaft of the vibration generation apparatus of compact radio equipment. A groove through which the rotation shaft is to be inserted is formed in a contour part of an eccentric load portion. The groove includes a shaft insertion portion extending in a range of a center angle 180° of the rotation shaft or greater and further includes rising wall portions that are formed between the shaft insertion portion and the opening of the groove and face each other as opposite wall portions with a gap therebetween, the middle of which is narrower than the outer diameter size of the rotation shaft. The two sides of the groove are caulked from the opening of the groove toward the bottom, thereby being fixed to the rotation shaft.

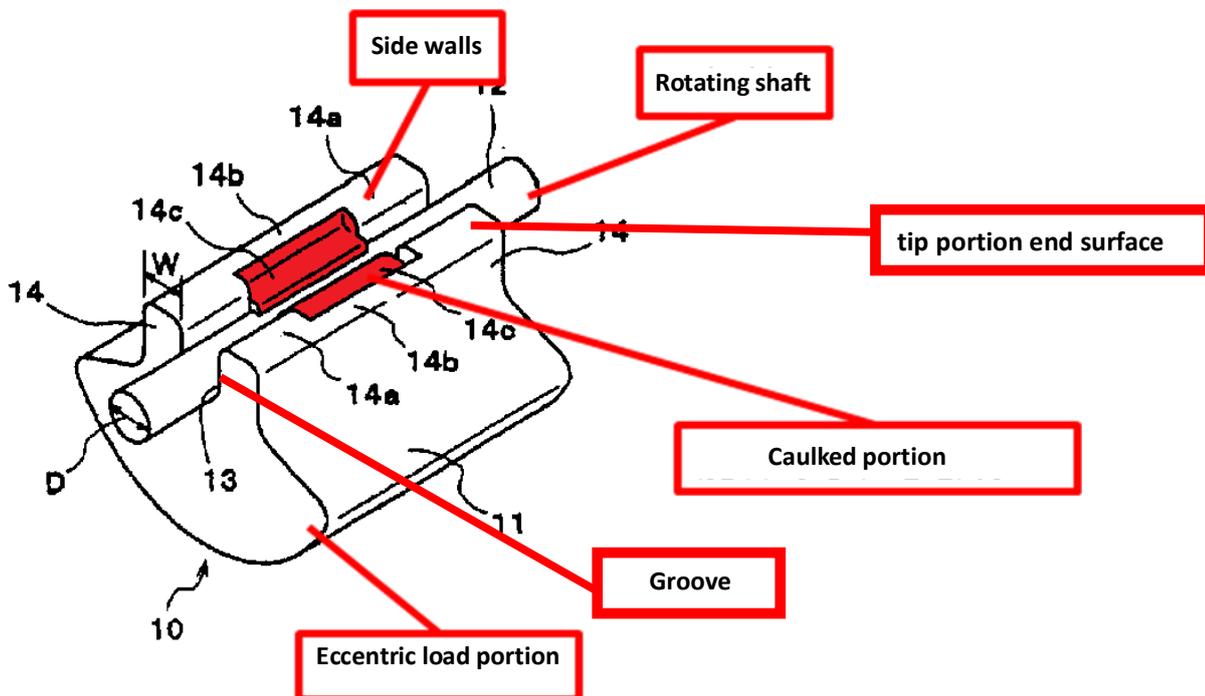




$X$  (Thickness of Motor Case)  $\geq$   $W$  (Width of Weight),  $Y$  (Width of Plug-in Support Piece),  $Z$  (Width of Positioning Slots)

**Explanation of technology of Chinese Patent ZL01103328.2 of the lawsuit filed in December 2015**

This patent relates to a vibration generation apparatus of compact radio equipment with a vibrator integrally coupled to a rotating shaft of a motor, comprising: an eccentric load portion, a groove portion, for securing therein the rotating shaft, in the eccentric load portion, side walls bulging in parallel from the eccentric load portion and forming both side edge portions of the groove portion, wherein a portion of a tip portion end surface of the side wall except an outer peripheral portion of the side wall and at a side of the groove portion is caulked from an opening side of the groove portion to a bottom side, so that the vibrator is integrally coupled to the rotating shaft.



**<Intellectual Property Rights>**

The lists below show a portfolio of intellectual property rights held by Nidec Corporation and a portfolio of intellectual property rights held by Nidec Seimitsu Corporation regarding the motor cover of a vibration motor for a mobile phone and regarding an eccentric weight.

**Portfolio of patent rights and other IP rights held by Nidec Seimitsu Corporation**

JP Patent 3172487	CN Patent ZL200510054879.9
JP Patent 3902618	CN Patent ZL200810133636.8
JP Patent 4104636	CN Patent ZL200810149708.8
JP Patent 4159441	CN Patent ZL200910003612.5 <b>Lawsuit filed previously</b>
JP Patent 4183739	CN Utility Model ZL201420194272.5
JP Patent 4601648	CN Utility Model ZL201420211454.9
JP Patent 4887064	CN Utility Model ZL201420620572.5
JP Patent 5060197	CN Utility Model ZL201620397503.1
JP Patent 5060228	US Patent 6081055
JP Patent 5074935	US Patent 7023114
JP Patent 5923794	US Patent 7045921
JP Design 1202942	US Patent 7567002
JP Design 1202943	US Patent 7679240
JP Design 1217933	US Patent 7888832
JP Design 1217964	
JP Design 1303191	
JP Design 1303194	
JP Design 1343868	
JP Design 1343870	
JP Design 1405196	
JP Design 1450728	

**Portfolio of patent rights and other IP rights held by Nidec Corporation**

JP Patent 3076017	CN Patent ZL01103328.2 <b>Lawsuit filed previously</b>
JP Patent 3205987	CN Patent ZL02118511.5 <b>New lawsuit filed recently</b>
JP Patent 3362725	CN Patent ZL99110047.6
JP Patent 3528787	US Patent 6608413
JP Patent 3570391	TW Patent 145066
JP Patent 3573121	TW Patent 159215
JP Patent 3601490	TW Patent 190751
JP Patent 3614093	KR Patent 358462
JP Patent 4026536	KR Patent 743001
JP Design 1156031	KR Patent 880507
JP Design 1156032	TH Patent 25863
JP Design 1156264	ID Patent ID0015070
JP Design 1156265	VN Patent 4466
JP Design 1156266	FI Patent 116644
JP Design 1156267	SE Patent 519637
JP Design 1156268	
JP Design 1156269	
JP Design 1156270	
JP Design 1156271	