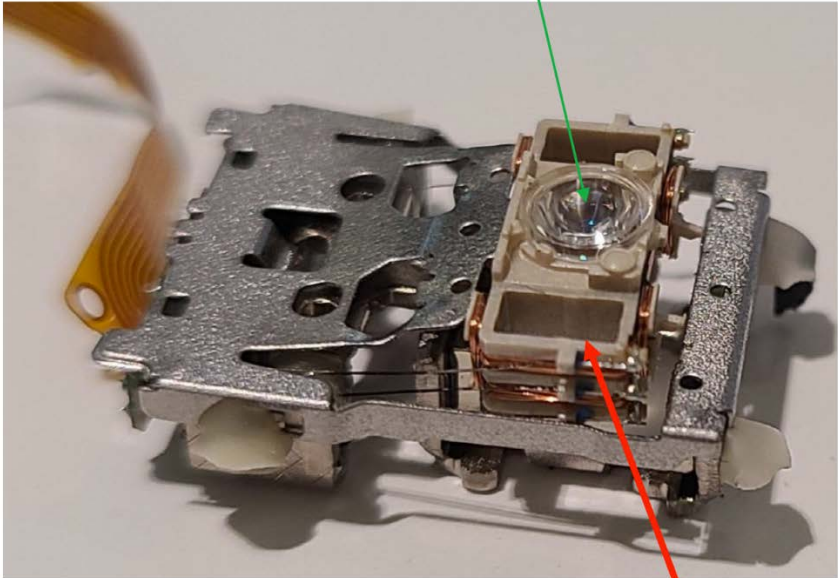


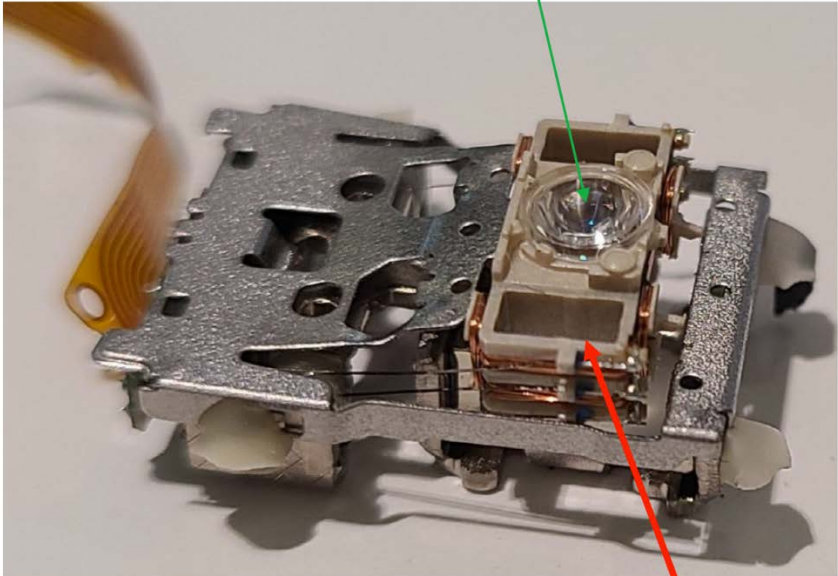
Exhibit 2

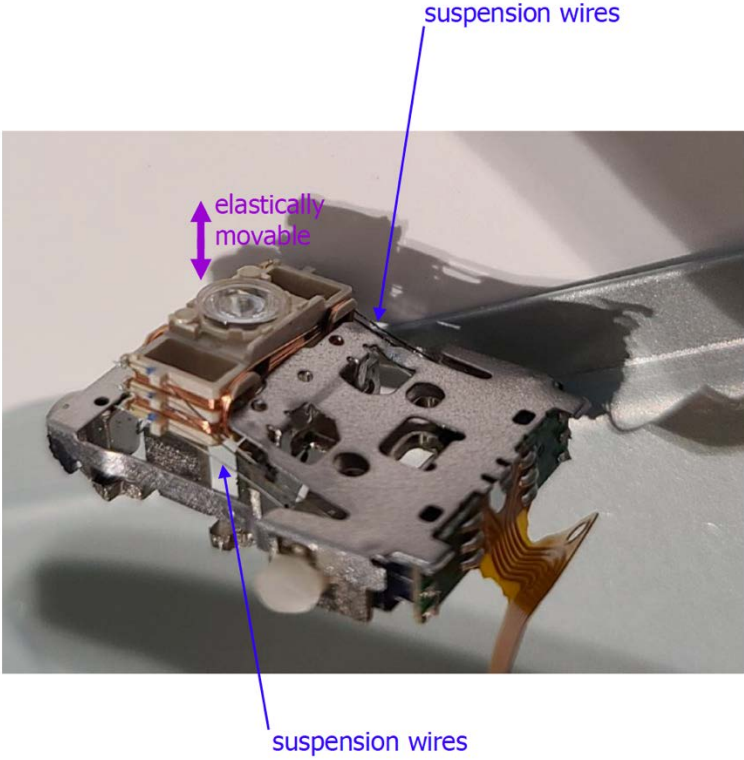
Exhibit 2
U.S. Patent No. 7,266,055
v.
Microsoft XBOX Series X (“Exemplary Product”)

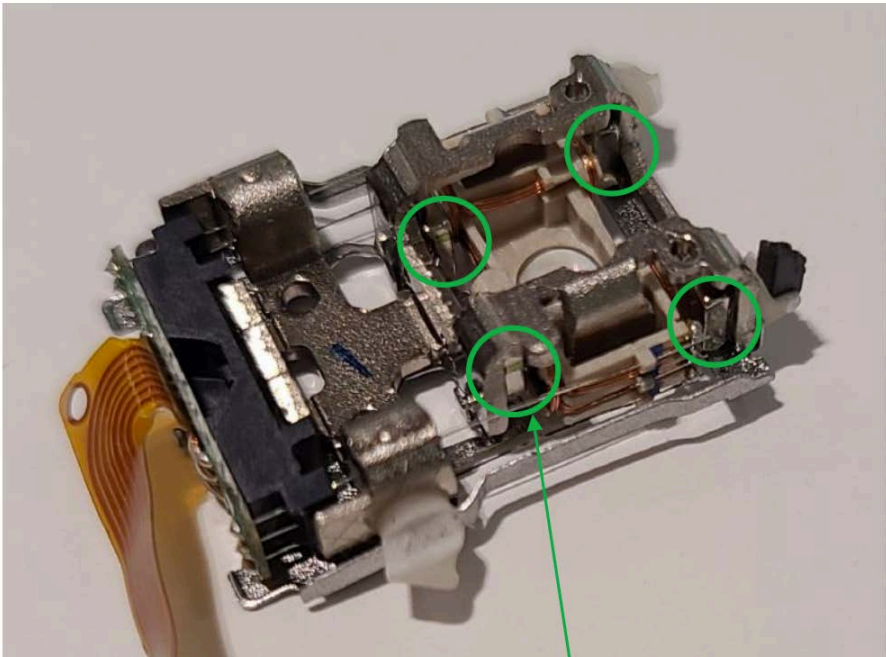
Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
Claim 1	
1. An optical pickup actuator for use with an objective lens on a base, comprising:	The Exemplary Product is an optical pickup actuator for use with an objective lens on a base. For example, Microsoft XBOX One, XBOX One S, XBOX One X, and XBOX Series X all include optical drives that utilize an optical pickup actuator for use with an objective lens on a base.¹ Below is an exemplary image of such a device:

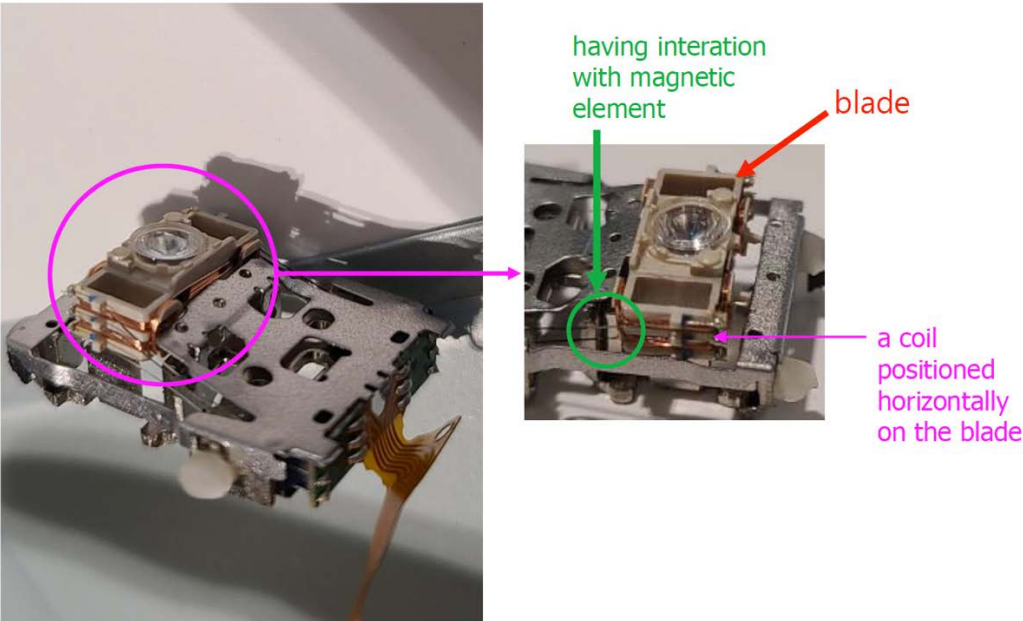
¹ The XBOX One uses a module with a model number of DG-6M1S. XBOX One S, XBOX One X, and XBOX Series X use a module with a model number of DG-5M5S. On information and belief, both version of the module infringe for at least similar reasons.

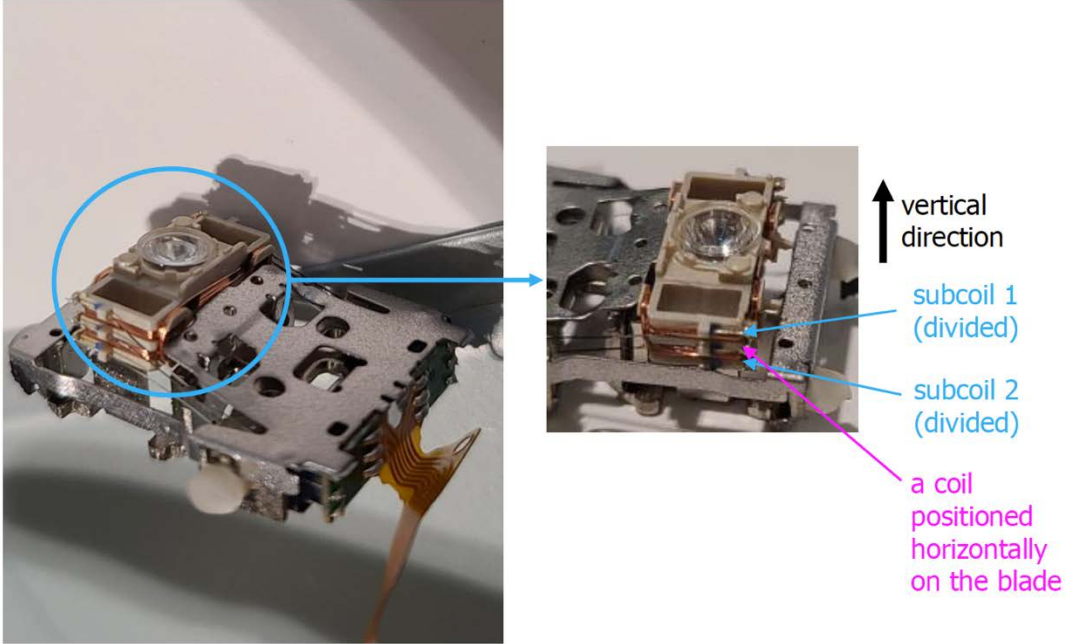
Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
	objective lens  blade Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
[a] a blade holding the objective lens;	The Exemplary Product includes a blade holding the objective lens. For example, these features are exemplified on the image below:

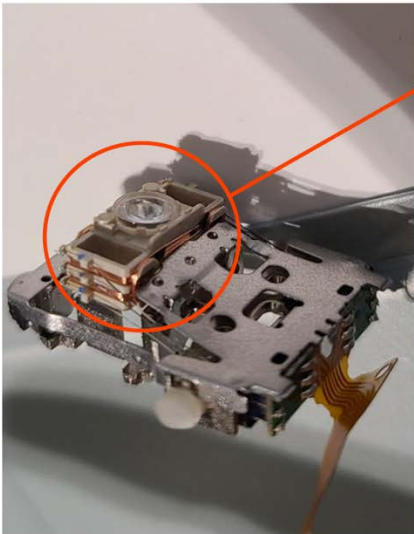
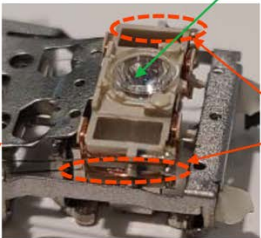
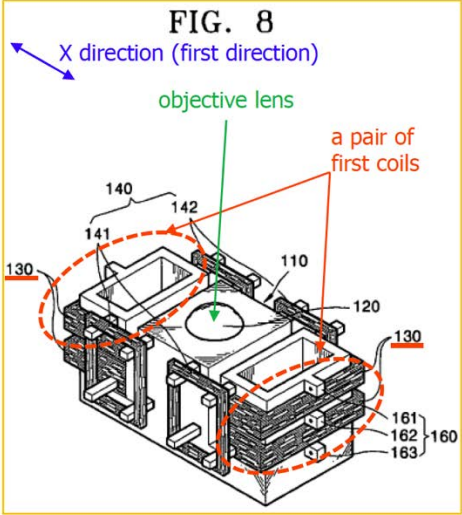
Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
	objective lens  blade Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
[b] a plurality of suspension wires supporting the blade	The Exemplary Product includes a plurality of suspension wires supporting the blade on the base so that the blade is elastically movable.

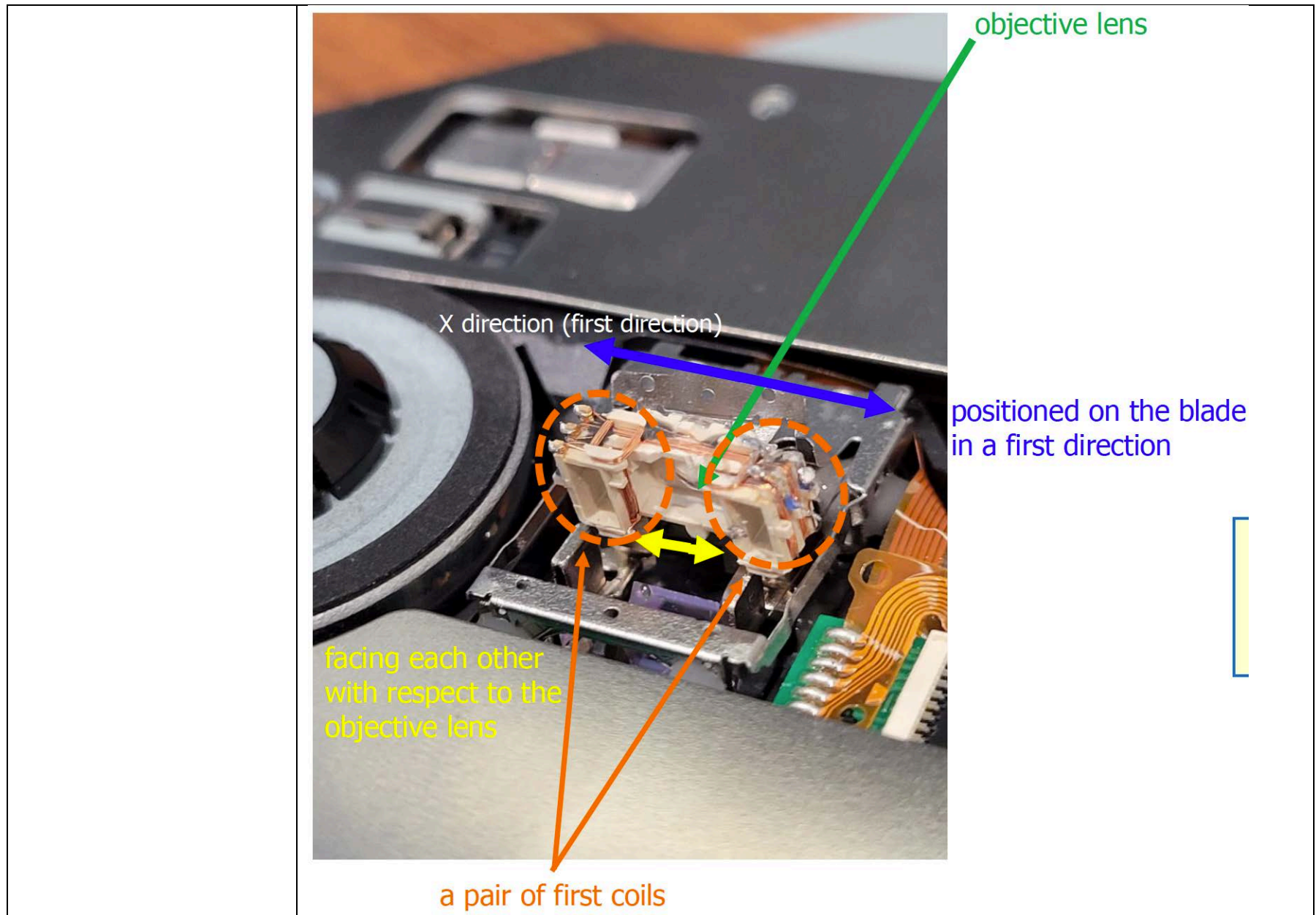
Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
on the base so that the blade is elastically movable;	For example, these features are exemplified in the image below:  Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
[c] a magnetic element positioned on the base; and	The Exemplary Product includes a magnetic element positioned on the base.

Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
	For example, these features are exemplified below:  magnetic element Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
[d] a coil positioned horizontally on the blade to generate an electromagnetic	The Exemplary Product includes a coil positioned horizontally on the blade to generate an electromagnetic force in a focusing and/or tilting direction through an interaction with the magnetic element.

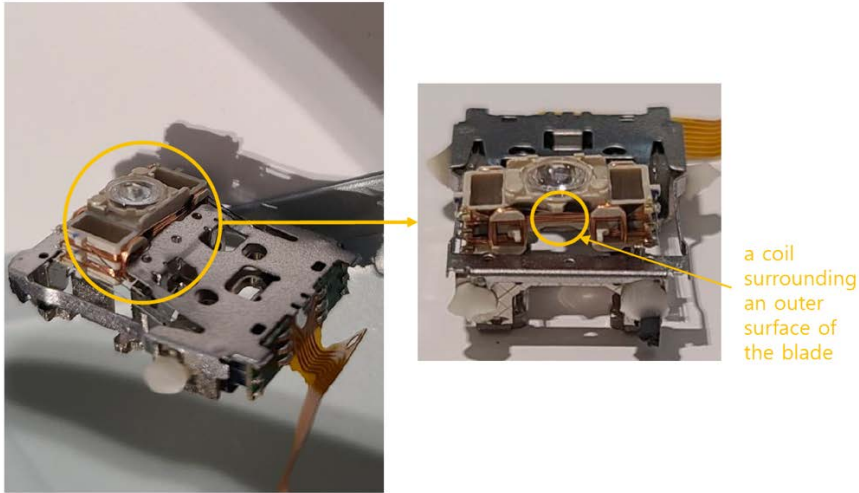
Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
force in a focusing and/or tilting direction through an interaction with the magnetic element,	For example, these features are exemplified on the image below:  Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
[e] wherein the coil is divided into a plurality of subcoils, where each subcoil	The Exemplary Product includes a coil that is divided into a plurality of subcoils, where each subcoil is separated from an adjacent subcoil in a vertical direction.

Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
is separated from an adjacent subcoil in a vertical direction, and	For example, these features are exemplified below.  <i>See also</i> '055 patent at 9:45-50 (“For example, as shown in Fig. 8, a first coil 130 in (a)-type and (b)-type optical pickup actuators is exposed to two sides of a blade 110. In this case, the first coil 130 is vertically divided into a plurality of subcoils to facilitate installation of the hinges 160.”). Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
[f] wherein the coil comprises a pair of first	The Exemplary Product includes a coil that comprises a pair of first coils positioned on the blade in a first direction and facing each other with respect to the objective lens.

Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
coils positioned on the blade in a first direction and facing each other with respect to the objective lens.	For example, these features are exemplified below:   objective lens a pair of first coils FIG. 8 X direction (first direction) objective lens a pair of first coils  140 142 141 110 120 130 161 162 163 160



Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
	<i>See also</i> '055 patent at Figs. 4, 8, 6:39-48 (“First, second and third coils 130, 140, and 150, respectively, are positioned on the blade 110. The first coil 130 is positioned horizontally on the blade 110 and includes a pair of coils 131 and 132 positioned in an X direction (first direction) symmetrically with respect to the objective lens 120. The second coil 140 is disposed on either one or two sides 113 and 114 in the Y direction (second direction) of the blade 110 (i.e., opposite the magnets 180) to generate an electromagnetic force in tracking direction a X due to interaction with the magnets 180.”). Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
Claim 2	
The optical pickup actuator according to claim 1, wherein the coil comprises a coil surrounding an outer surface of the blade.	The Exemplary Product includes a coil surrounding an outer surface of the blade. For example:

Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
	 Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
Claim 3 The optical pickup actuator according to claim 1, further comprising a second coil positioned vertically on a side of the blade in a second direction substantially perpendicular to the first direction, the second coil	The Exemplary Product includes a second coil positioned vertically on a side of the blade in a second direction substantially perpendicular to the first direction, the second coil generating an electromagnetic force in a tracking direction through interaction with the magnetic element. For example, this aspect of the invention is described in Figure 4 and 6:39-52. The Exemplary Device is similar to the preferred embodiment in the '055 patent:

Claim Language	Selected Analysis and Evidence Regarding Exemplary Product
generating an electromagnetic force in a tracking direction through interaction with the magnetic element.	Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.
Claim 4	
The optical pickup actuator according to claim 3 , wherein the second coil is positioned on both sides of the blade.	The Exemplary Product includes a second coil is positioned on both sides of the blade. For example, <i>see</i> claim 3. Investigation of both the patent and the Exemplary Product (and other potentially infringing products) is ongoing. This chart is based on evidence and analysis reasonably accessible at this time. TS-Optics reserves the right to update and amend its contentions, including adding additional claims and evidence, as the litigation progresses and discovery is provided by the defendant.

Claim Language	Selected Analysis and Evidence Regarding Exemplary Product