<table>
<thead>
<tr>
<th>HARDWARE TYPE</th>
<th>PROTOCOL TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLEN</td>
<td>PLEN</td>
</tr>
<tr>
<td>SENDER HARD (octets 0-3)</td>
<td>SENDER IPv4 (octets 0-1)</td>
</tr>
<tr>
<td>SENDER HARD (octets 4-5)</td>
<td>SENDER IPv4 (octets 2-3)</td>
</tr>
<tr>
<td>SENDER IPv4 (octets 2-3)</td>
<td>TARGET HARD (octets 0-1)</td>
</tr>
<tr>
<td>TARGET HARD (octets 2-5)</td>
<td></td>
</tr>
<tr>
<td>TARGET IPv4 (octets 0-3)</td>
<td></td>
</tr>
</tbody>
</table>

**Figure 6.4** The ARP message format when used to map an IPv4 address to an Ethernet address.